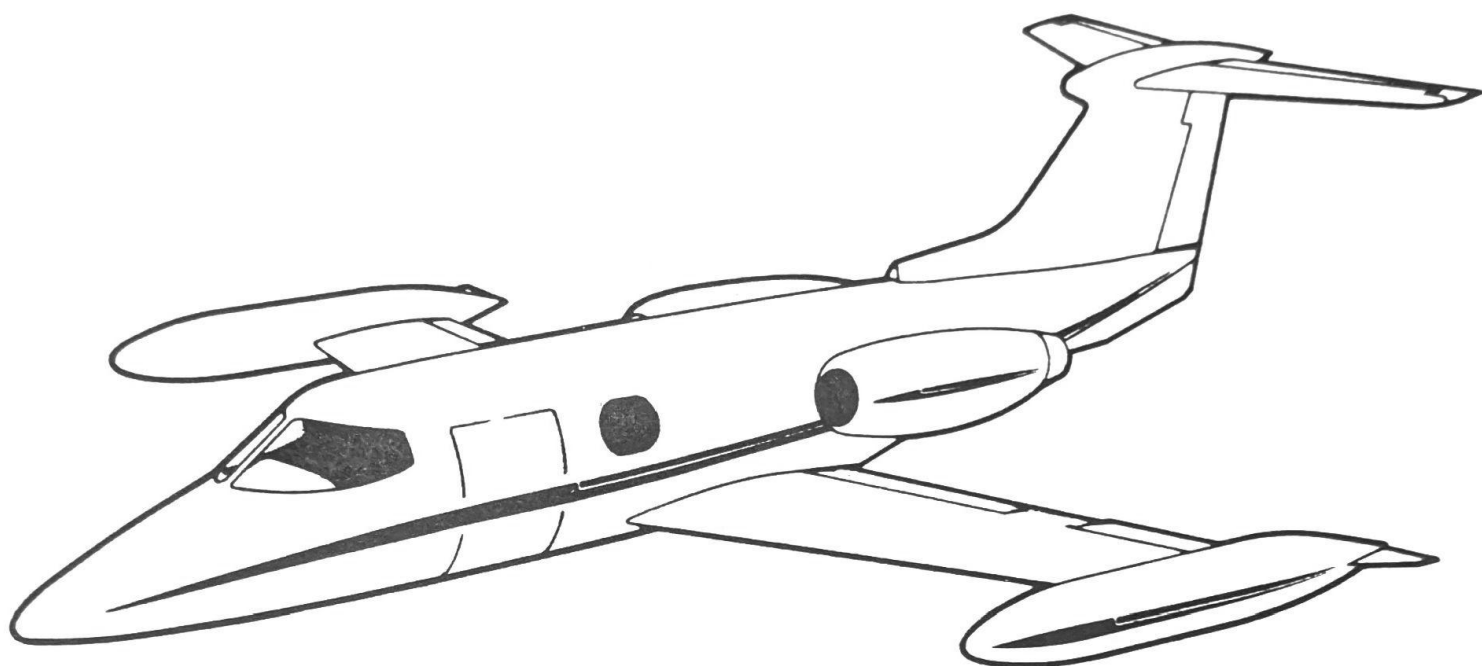


# LEARJET 23 PARTS CATALOG



This Manual Supersedes the  
Gates Learjet 23 Parts Catalog Dated November 1971.

Gates Learjet Corporation 

P.O. BOX 1280, MID-CONTINENT AIRPORT WICHITA, KANSAS 67201

**SEPTEMBER 1975**



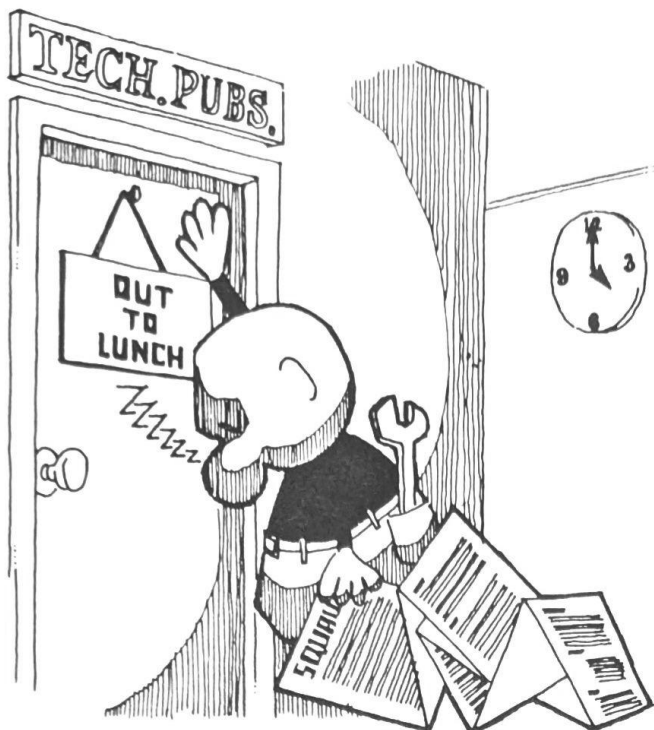
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# SECTION I

## introduction

The Illustrated Parts Catalog has been prepared by the Technical Publications Section of Gates Learjet Corporation. This manual contains listings of replacement parts to support the standard production configuration of the Gates Learjet Model 23 and Model 23 Converted to Model 24 airplanes. Information contained herein does not authorize or constitute authority to perform aircraft modifications.

Section II - Group Assembly Parts List: This section contains an illustrated listing of replacement parts. Index numbers on the parts listing page are keyed to the illustration to provide positive identification of the item, but should not be used for procurement purposes.

- Column Content:
- Figure and Index Column:** The figure number is listed at the beginning of each figure text and on the first line of each subsequent page of text for the figure. The index numbers are preceded by a dash.
  - Part Number Column:** The item identification number is listed in this column. This number must be included when replacement parts are ordered.
  - Description Column:** The relationship of component parts of an assembly may be determined by the degree of indenture in the description column. If two or more assemblies are made up of a majority of identical parts, or the assemblies are left or right hand, the assemblies are listed together and the sub-assemblies or component detail parts are listed as common for both assemblies. In this case, the left or right hand part only is indexed and illustrated with the differing part coded for the correct assembly usage. Attaching parts are listed directly beneath the item they attach and preceding all component parts of the item. The symbol A in the left hand margin of the description column is used to identify the attaching parts.
  - Units Per Assembly Column:** The quantity listed in the units per assembly column indicates the number of component parts for one assembly.
  - Usable On Column:** The first and last airplane serial effectivity for assemblies and their components are listed in this divided column. Only the last airplane effectivity will appear in the right hand marginal column if the item is used on all previous airplanes. Only the first airplane effectivity will appear in the left hand marginal column if the item is used on all subsequent airplanes. When no serial number appears in either column, the parts listed are applicable to all airplanes covered by this manual. Serial effectivity codes appear in bold type at the bottom of each page of figures having limited serial effectivity. Alphabetical codes in the Usable On Column denote conditional usage of the item. A list of codes and their interpretation appears below each figure parts list and is applicable to the figure only.

NOTE: When part effectivities are conditional to modifications performed on the airplane, the airplane log book should be checked to determine the proper replacement parts.

Table of Contents: The table of contents is a listing of the installation and assembly figures in numerical sequence. The figures are grouped under main section and system headings.

Sectional Division of the catalog is as follows:

Section I	- Introduction
	Table of Contents
Section II	- Group Assembly Parts List
Section III	- Electrical Equipment
Section IV	- Numerical Index
Section V	- Alphabetical Index

## How To Order

The part number as it appears in the part number column of the assembly breakdown and the listed nomenclature of the part must be listed when spare parts are procured. Specify quantities required and be sure to indicate the model and serial number of the airplane for which the part is intended. For further instructions pertaining to parts procurement, contact your nearest Gates Learjet Service Center or the Spare Parts Sales Department, Gates Learjet Corporation, P.O. Box 1280, Wichita, Kansas 67201. Telex 41-7496.

Gates Learjet Corporation reserves the right to cancel, add or change the parts and assemblies described in this catalog without notice.

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6.	. Flap Support Installation	32A.	. Goodyear Nose Gear Wheel Assembly
7.	. Wing Spoiler Installation	33.	Nose Gear Door Mechanism Installation
7A.	. . Spoiler Actuator Assembly	<b>CABIN EQUIPMENT</b>	
8.	Main Landing Gear Door Installation	34.	Cabin Equipment Installation
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14.	Floorboards Installation	42A.	Instrument Panel Equipment Installation (Serial 003 & on when modified per ECR 233, 230, 227, 277 or 381)
15.	Cabin Door Installation	43.	. Gear Control Box Installation (Serial 003 thru 014 except A/C modified per ECR 233 or 392)
15A.	. . Cabin Door Locking Pin Receptacles Instl	44.	. Gear Control Box Installation (Serial 015 thru 079 except A/C modified per ECR 233, 230, 227, 277, 381, 392 or 401)
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17.	. . . Door Torsion Bar Instl (Upper) (Serial 003 & on except A/C modified per SK23-133B, SK 23/24/25-321 or AMK71-6)	45A.	. Gear Control Box Installation (Serial 003 & on when modified per ECR 233, 230, 227, 277, 381, 392 or 401)
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<b>EMPENNAGE</b>		48.	. Switch Panel Equipment Installation (Serial 070 & on & A/C modified per ECR 233, 230, 277 or 381)
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61A.	Wing Fuel Pump Installation (Stellar Configuration B) (Serial 003 thru 069 when equipped with Stellar pumps except A/C equipped with ejector fuel pumps)	83.	Flap Control Outboard Components Installation (Serial 003 thru 089 except 050A & A/C modified per ECR 233, 277, 381, 392 or 401)
62.	Wing Fuel Pump Installation (Lear-Romec) (Serial 003 thru 069 when equipped with Lear-Romec pumps except A/C equipped with ejector fuel pumps)	84.	Flap Control Cables Installation (Serial 003 thru 089 except 050A & A/C modified per ECR 233, 277, 381, 392 or 401)
63.	Wing Fuel Pump & Plumbing Installation (Serial 070 & on except A/C equipped with ejector fuel pumps)	85.	Flap Dual Actuator Control System Installation (Serial 050A & 090 & on & A/C modified per ECR 233, 277, 381, 392 or 401)
63A.	Wing Fuel Pump & Plumbing Installation (Serial 003 & on when ejector fuel pumps are installed in the wing & tip tanks)	85A.	Flap Actuator Assembly (Serial 050A & 090 & on & A/C modified per ECR 233, 277, 381, 392, 401 or AMK73-5)
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70.	Control Quadrant Assembly	92.	Main Gear & Wheel Well Hydraulic Installation
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73A.	Power Brake Valve Assembly	96.	Tailcone Hydraulic Installation (Serial 003 thru 039 except A/C modified per ECR 233, 277 or 381)
74.	Flight Control System Installation	97.	Tailcone Hydraulic Installation (Serial 040 & on & A/C modified per ECR 233, 277 or 381)
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		98A.	Shuttle Valve Assembly
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## Figure Description

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### ENVIRONMENTAL

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 101. . Not Assigned  
 102. . Cabin Pressurization & Air Conditioning Components Installation  
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 105. . . Evaporator Installation (Air Conditioner)  
 106. . . Refrigerant Plumbing Installation  
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 107A. . . Cabin Air Distribution System Installation (Serial 003 & on when modified per ECR 233, 230, 227, 277 or 381)  
 108. . . Internal & External Defog System Installation (Serial 003 & on except A/C modified per ECR 233, 230, 227, 277 or 381)  
 108A. . . Internal & External Defog System Installation (Serial 003 & on when modified per ECR 233, 230, 227, 277 or 381 except A/C equipped for ice operation)  
 108B. . . Internal & External Defog System Installation (Serial 003 & on when A/C is equipped for ice operation)  
 109. . . Defog Dehumidifier Installation (Serial 003 & on except A/C modified per ECR 233, 230, 227, 277 or 381)  
 110. Oxygen System Installation  
 111. . Oxygen Mask & Ceiling Plumbing Installation  
 112. Pitot Static System Installation

### WINTERIZATION SYSTEMS

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 113A. Windshield & Radome Anti-Ice System Installation (Serial 003 & on when A/C is equipped with windshield & radome anti-ice system)  
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### GROUND HANDLING & LOOSE EQUIPMENT

115. Ground Handling & Loose Equipment

### ELECTRICAL SYSTEM

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 117. DC Power & Start Electrical Equipment  
 118. AC Power Electrical Equipment  
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 120. Engine Instrumentation Electrical Equipment  
 121. Fuel Control Electrical Equipment  
 122. Fuel Gaging Electrical Equipment  
 123. Fuel Warning System Electrical Equipment  
 124. Mach & Aural Warning System Electrical Equipment  
 125. Auxiliary Hydraulic Pump Electrical Equipment  
 126. Hydraulic Pressure Indicator Electrical Equipment (Serial 003 thru 014 except A/C modified per ECR 233)  
 127. Gear Monitor & Control Electrical Equipment  
 128. Nose Gear Steering Electrical Equipment  
 129. Anti-Skid System Electrical Equipment  
 130. Flap & Spoiler Control Electrical Equipment  
 131. Stall Warning System Electrical Equipment  
 132. Autopilot System Electrical Equipment  
 133. Flight Control Trim Systems Electrical Equipment  
 134. Turn & Bank Electrical Equipment  
 135. Cabin Door Electrical Equipment  
 136. Oxygen System Electrical Equipment  
 137. Ram Air Temperature Electrical Equipment  
 138. Cabin Pressurization Electrical Equipment  
 139. Cabin Heating System Electrical Equipment  
 140. Cabin Cooling System Electrical Equipment  
 141. Windshield Defog System Electrical Equipment  
 142. Ice Detection System Electrical Equipment  
 143. Windshield & Radome Anti-Ice System Electrical Equipment (Serial 003 & on when applicable)  
 144. Pitot Tube, Static Port & Stall Warning Transducer Anti-Ice Electrical Equipment  
 145. Wing Anti-Ice System Electrical Equipment  
 146. Horizontal Stabilizer Anti-Ice System Electrical Equipment (Serial 003 & on when horizontal stabilizer anti-ice is installed)  
 147. Nacelle Anti-Ice System Electrical Equipment  
 148. Nacelle Fire Detect System Electrical Equipment  
 149. Nacelle Fire Extinguishing System Electrical Equipment (Serial 003 & on when modified per ECR 233, 230 or 227)  
 150. Lighting System Electrical Equipment  
 151. . Exterior Lighting System Electrical Equipment

### AVIONICS SYSTEM

Consult the avionic system wiring diagrams in the Service Manual for avionic equipment procurement.

## SECTION II



**group assembly parts list**



## ECR MODIFICATION LIST

Engineering Change Record (ECR) numbers are referenced in this manual to clarify the configuration of modified aircraft. ECR identified modifications were of such magnitude and complexity as to require factory modifications using engineering drawings. Service kits were not issued for these modifications. The aircraft Log Book should be consulted for ECR modification compliance. The ECR'S and what they accomplished are listed below in the "Sequence Of Conversion List".

SEQUENCE OF CONVERSION LIST  
Model 23 to 24 Configuration

Model 23 Airplanes converted to Model 24 configuration, per ECR 233, 230 or 227 and airplanes 015 and 019 when modified per ECR 277 and 381, are not modified in the sequence of production serial numbers. This list tabulates the airplanes that have been converted in the sequence of modification.

Mod. Seq.	A/C Serial	ECR No.	ECR Modification Description
1	031	233	Conversion of Model 23 (Serials 23-003 thru 23-039) to Model 24 Aircraft
2	012	233	Conversion of Model 23 (Serials 23-003 thru 23-039) to Model 24 Aircraft
3	050	230	Conversion of Model 23 (Serials 23-040 thru 23-069) to Model 24 Aircraft
4	015	277	*Modification of Aircraft 23-015
5	065	230	Conversion of Model 23 (Serials 23-040 thru 23-069) to Model 24 Aircraft
6	051	230	Conversion of Model 23 (Serials 23-040 thru 23-069) to Model 24 Aircraft
7	087	227	Conversion of Model 23 (Serials 23-070 thru 23-099) to Model 24 Aircraft
8	011	233	Conversion of Model 23 (Serials 23-003 thru 23-039) to Model 24 Aircraft
9	055	230	Conversion of Model 23 (Serials 23-040 thru 23-069) to Model 24 Aircraft
10	096	227	Conversion of Model 23 (Serials 23-070 thru 23-099) to Model 24 Aircraft
11	019	381	*Modification of Aircraft 23-019
12	060	230	Conversion of Model 23 (Serials 23-040 thru 23-069) to Model 24 Aircraft
13	043	230	Conversion of Model 23 (Serials 23-040 thru 23-069) to Model 24 Aircraft
--	--	392	Ejector (Jet) Fuel Pump Kit (Serials 23-003 thru 23-038)
--	--	401	Optional Equip. & Ejector (Jet) Fuel Pump Kit (Serial 23-039)
--	--	354	Ejector (Jet) Fuel Pump Kit (Serials 23-040 thru 23-099)

\*Aircraft 23-015 & 23-019 were modified to a configuration similar to a Model 24 but were not converted.

Replacement parts may differ due to changes to the modification requirements following delivery of previously converted airplanes. The figure text, listing these parts, will reference this page for a specific modification sequence group. The airplane effectivity is determined by the airplane serials listed for the referenced modification sequence group.

## Figure Text Listing Example:

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION							UNITS PER ASSY	USABLE ON	
		1	2	3	4	5	6	7		THRU	
18 -7	2331025-005	•	•	BUSHING-HINGE	LH	----	-	-	1	D	
	2331025-007	•	•	BUSHING-HINGE	LH	----	-	-	1	E	
	D	MOD SEQ 1 THRU 3--SEE PAGE 1									
	E	MOD SEQ 4 & ON--SEE PAGE 1									

Modification sequence 1 thru 3, in the Sequence of Conversion List, shows 2331025-005 bushing to be usable on A/P serials 031, 012 & 050 when mod per ECR 233 or ECR 230.

Modification sequence 4 & on shows 2331025-007 to be usable on A/P serial 015, 065, 051, 087, 011, 055, 096, 019, 060 & 043 when mod per ECR 233, ECR 230, ECR 227, ECR 277 or ECR 381.

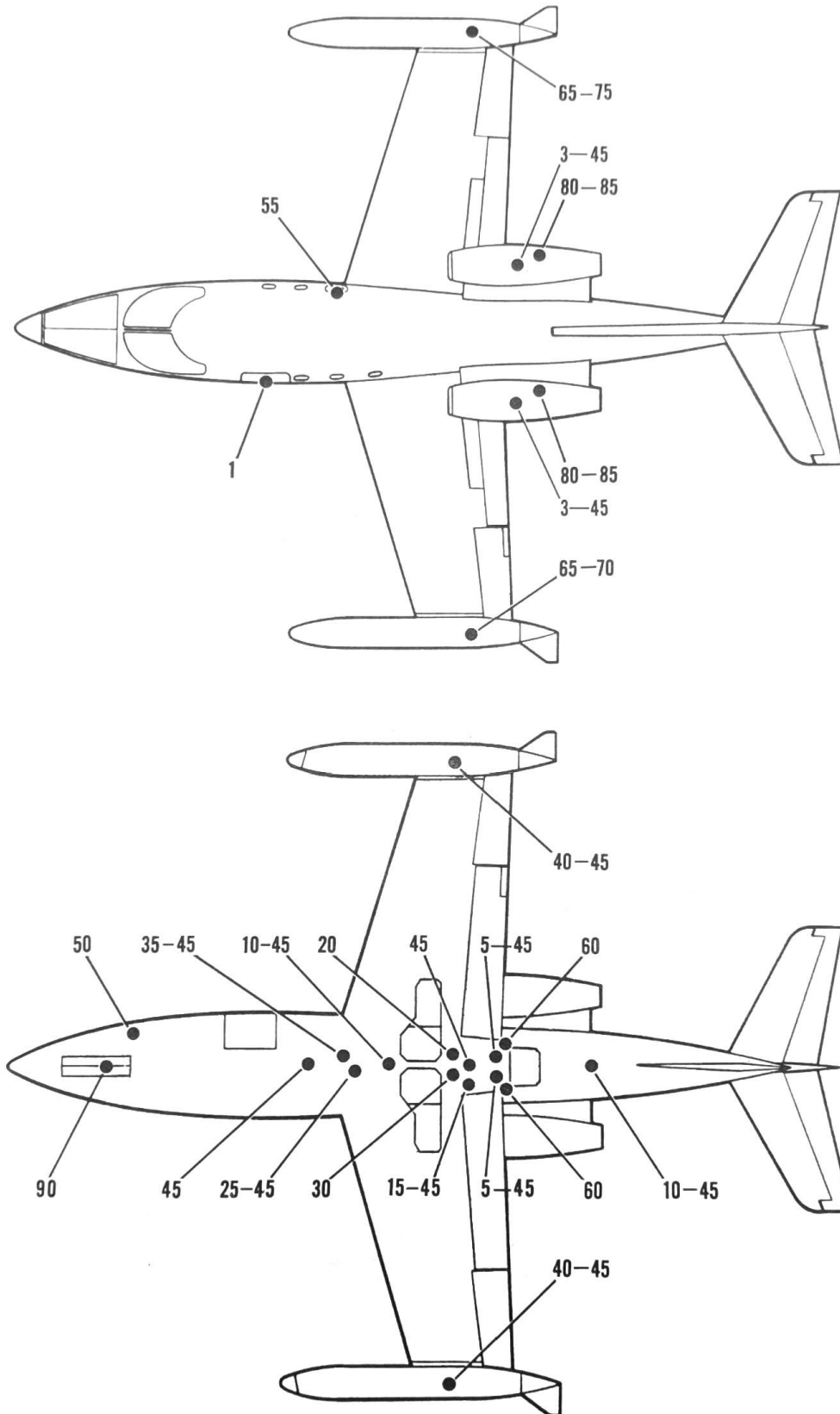


Figure 1. Airplane Placards

14-6B-1  
14-12A

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				1 2 3 4 5 6 7	THRU
1 -	SEE FIGURE 1A	AIRPLANE PLACARDS			A
-1	2300006-004	. INTERIOR AIRPLANE PLACARDS -----	AR		A
	2300006-002	. EXTERIOR AIRPLANE PLACARDS -----	AR		A
	2300006-003	. . CABIN DOOR HANDLE OPER-UPPER ARROW -----	1		A
		. . CABIN DOOR HANDLE OPER-UPPER LIFT -----	1		A
		. . CABIN DOOR HANDLE OPER-UPPER OPEN -----	1		A
-3	2300006-110	. . DRAIN IDENT FUEL COLLECTOR TANK -----	2		R
-5	2300006-056	. . DRAIN IDENT FUEL FILTER -----	2		B
-10	2300006-026	. . DRAIN IDENT FUEL VENT -----	2		C
-15	2300006-014	. . DRAIN IDENT FUSE TANK SUMP -----	1		A
-20	2300006-013	. . DRAIN IDENT LEFT ENGINE FUEL -----	1		A
-25	2300006-010	. . DRAIN IDENT LEFT WING SUMP -----	1		A
-30	2300006-012	. . DRAIN IDENT RIGHT ENGINE FUEL -----	1		A
-35	2300006-011	. . DRAIN IDENT RIGHT WING SUMP -----	1		A
-40	2300006-007	. . DRAIN IDENT SUMP -----	4		A
-45	2300006-006	. . DRAIN INSTRUCTION PUSH TO DRAIN -----	AR		A
-50	2300006-040	. . DRAIN INSTRUCTION SHOULDER STATIC PORT PUSH TO DRAIN -----	1		D
-55	2414035-002	. . EMERGENCY EXIT INSTRUCTIONS -----	1		A
-60	2300006-027	. . EXTERNAL POWER RECEPTACLE IDENT -----	1		E
-65	2300006-018	. . FUEL INFORMATION JP-4 OR EQUIV -----	2		A
-70	2300006-023	. . FUEL QTY & ADDITIVE INFORMATION -----	1		F
	2300006-025	. . FUEL QTY & ADDITIVE INFORMATION -----	1		G
	2300006-028	. . FUEL QTY & ADDITIVE INFORMATION -----	1		H
	2300006-045	. . FUEL QTY & ADDITIVE INFORMATION -----	1		J
	2300006-031	. . FUEL QTY & ADDITIVE INFORMATION -----	1		K
-75	2300006-024	. . FUEL QTY & ADDITIVE INFORMATION -----	1		L
	2300006-029	. . FUEL QTY & ADDITIVE INFORMATION -----	1		M
-80	2300006-015	. . OIL FILLER ACCESS IDENTIFICATION -----	2		A
-85	2300006-016	. . OIL REFERENCE SEE FLIGHT MANUAL -----	2		A
-90	2314035-001	. . PLATE-AIRPLANE IDENTIFICATION -----	1		A
	2314035-096	. . PLACARD-AIRPLANE IDENTIFICATION -----	1		N
	2314035-095	. . PLACARD-AIRPLANE IDENTIFICATION -----	1		P
	2314035-094	. . PLACARD-AIRPLANE IDENTIFICATION -----	1		Q
		A 003 & ON			
		B 003 & ON WHEN EQUIPPED WITH EJECTOR FUEL PUMPS IN WING			
		C 040 & ON & PREV A/C MOD PER ECR 233, 277 OR ECR 381			
		D 003 & ON WHEN MOD PER SK23/24-265			
		E 046 & ON & PREV A/C MOD PER ECR 233, ECR 230, ECR 277 OR ECR 381			
		F 003 THRU 014 EXCEPT A/C MOD PER ECR 233 OR ECR 392			
		G 015 THRU 051 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 277, ECR 381, ECR 392 OR ECR 401			
		H 052 & ON & 015 THRU 039 WHEN MOD PER ECR 392 EXCEPT A/C MOD PER 230 OR ECR 227			
		J 003 THRU 014 WHEN MOD PER ECR 392			
		K 003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381			
		L 003 THRU 051 & A/C MOD PER ECR 230 OR ECR 227			
		M 052 & ON EXCEPT A/C MOD PER ECR 230 OR ECR 227			
		N 003 THRU 039 WHEN MOD PER ECR 233			
		P 040 THRU 069 WHEN MOD PER ECR 230			
		Q 070 THRU 099 WHEN MOD PER ECR 227			
		R 003 & ON WHEN MOD PER AAK74-8			
		A---ATTACHING PARTS			

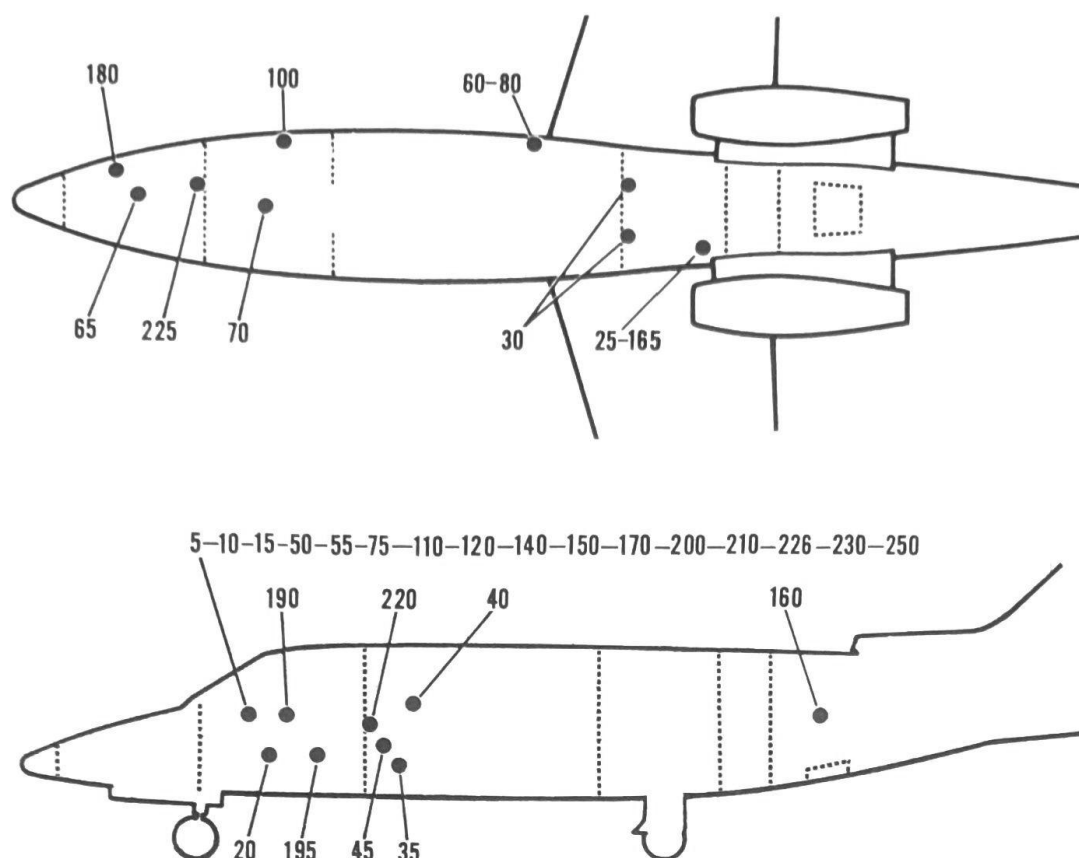


Figure 1A. Interior Airplane Placards

14-48B

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
1A-		INTERIOR AIRPLANE PLACARDS			A
-5	2314035-102	• AIRPLANE ICE OPERATION PROHIBITION -----	1		B
-10	2314035-048	• AIRPLANE OPERATION CONDITIONS -----	1		C
	2314035-090	• AIRPLANE OPERATION CONDITIONS -----	1		D
	2314035-165	• AIRPLANE OPERATION CONDITIONS -----	1		E
	2481038-020	• AIRPLANE OPERATION CONDITIONS -----	1		F
-15	2314035-040	• AIRSPEED LIMITATIONS -----	1		G
	2314035-044	• AIRSPEED LIMITATIONS -----	1		H
	2314035-045	• AIRSPEED LIMITATIONS -----	1		J
	2314035-089	• AIRSPEED LIMITATIONS -----	1		K
	2481071-022	• AIRSPEED LIMITATIONS -----	1		L
	2314035-153	• AIRSPEED LIMITATIONS -----	1		M
-20	2314035-021	• ANEROID BYPASS IDENTIFICATION -----	1		N
	2314035-055	• ANEROID BYPASS IDENTIFICATION -----	1		P
-25	SEE FIGURE 113				
	SEE FIGURE 113A				
-30	2314035-125	• ANTI-ICE PLACARDS-WINDSHIELD -----	REF		AD
	2314035-042	• BAGGAGE INSTRUCTIONS -----	2		Z
	1937	• BAGGAGE INSTRUCTIONS -----	2		S
	NAS43DD1-8	A • SCREW -----	8		A
-35	2314035-015	A • SPACER -----	8		A
-40	2314126-001	• CABIN DOOR HANDLE OPERATION LOWER -----	1		A
	2314035-016	• CABIN DOOR HANDLE OPERATION UPPER -----	1		T
		• CABIN DOOR HANDLE OPERATION UPPER -----	1		T
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
1A-45	2314126-002	• CABIN DOOR OPENING INSTRUCTION UPPER -----	1	T	
-50	2381189-015	• DEFOG HANDLE OPERATION-INTERNAL -----	1	U	
	2314035-062	• DEFOG HANDLE OPERATION-INTERNAL -----	1	V	
-55	2314035-074	• DEFOG HANDLE OPERATION-INTERNAL -----	1	T	
	2314035-088	• EMERGENCY CABIN PRESSURE -----	1	T	
-60	2314035-024	• EMERGENCY EXIT -----	1	W	
	2314035-084	• EMERGENCY EXIT & CURTAIN POSITIONING -----	1	X	
	2314035-168	• EMERGENCY EXIT & SHADES POSITIONING -----	1	Y	
-65	2314035-018	• EMERGENCY GAS BOTTLE FILLER ID -----	1	Z	
	2314035-043	• EMERGENCY GAS BOTTLE FILLER ID -----	1	S	
-70	2314035-037	• EMERGENCY GEAR EXTEND -----	1	A	
-75	2381396-004	• EMERGENCY INSTRUMENT STATIC VALVE ID -----	1	AB	
-80	2314035-002	• ESCAPE WINDOW HANDLE OPERATION -----	1	W	
	LAB5758-B-1	• ESCAPE WINDOW HANDLE OPERATION -----	1	T	
	AN509-10R12	• SCREW -----	2	T	
-85	LAB600-1B-1(S)-1	• EXIT -----	1	T	
-100	2481020-003	• FUEL PLACARD-PUMP CIRCUIT BREAKERS -----	1	AE	
-110	2481020-004	• FUEL PLACARD-JET PUMP SWITCH -----	1	AE	
-120	2318080-008	• FUEL PLACARD HOT FUEL -----	1	AF	
	2318370-006	• FUEL PLACARD HOT FUEL -----	1	AG	
-140	2381147-007	• FUEL PLACARD TANK SELECTOR SWITCH -----	1	AH	
	2381379-013	• FUEL PLACARD TANK SELECTOR SWITCH -----	1	AJ	
	2381379-014	• FUEL PLACARD TANK SELECTOR SWITCH -----	1	AK	
-150	2314035-025	• FUEL PLACARD USABLE FUEL GAL -----	1	T	
-160	SEE FIGURE 96				
	SEE FIGURE 97	• HYDRAULIC PLACARDS-TAILCONE EQUIPMENT -----	REF	AD	
-165	2481031-005	• ICE DETECT LH -----	1	E	
	2481031-007	• ICE DETECT RH -----	1	E	
	2481031-006	• ICE DETECT RH -----	1	E	
-170	2314035-071	• NO PITCH INFORMATION -----	1	T	
-180	2314035-007	• OXYGEN BOTTLE IDENTIFICATION -----	1	A	
-190	2314035-023	• OXYGEN CONTROL OPERATION -----	1	A	
-195	2314035-022	• PASSENGER OXYGEN IDENTIFICATION -----	1	N	
	2314035-056	• PASSENGER OXYGEN IDENTIFICATION -----	1	P	
-200	2314035-073	• RAM AIR TEMP INSTRUMENT IDENTIFICATION -----	1	A	
-210	2314035-046	• REGISTRATION NUMBER USE APPLICABLE LETTERS & NUMBERS -----	1	AC	
-220	2314035-013	• SEAT POSITIONING LANDING & TAKEOFF -----	1	W	
	2314035-080	• SEAT POSITIONING LANDING & TAKEOFF -----	1	T	
-225	SEE FIGURE 100	• STATIC SOURCE TAGS -----	REF	AD	
-226	SEE FIGURE 46				
	SEE FIGURE 42				
	SEE FIGURE 42A	• STEERING LOCK SWITCH -----	REF	AD	
-230	2388237-002	• STROBE LIGHTS OPERATING CONDITIONS -----	1	A	
-250	2314035-041	• VIBRATOR SWITCH-PANEL ON -----	1	AA	
A		003 & ON			
B		003 & ON EXCEPT A/C EQUIPPED FOR ICE OPERATION			
C		003 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381 & EXCEPT A/C EQUIPPED FOR ICE OPERATION			
D		003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381 EXCEPT A/C EQUIPPED FOR ICE OPERATION			
E		003 & ON WHEN EQUIPPED FOR ICE OPERATION			
F		012 & 013 A/C ONLY			
G		003 THRU 017 EXCEPT A/C MOD PER ECR 233 OR ECR 277			
H		018 THRU 029 EXCEPT A/C MOD PER ECR 233 OR ECR 381			
J		030 & ON EXCEPT A/C MOD PER ECR 233, ECR 230 OR ECR 277			
K		003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 277, OR ECR 381 EXCEPT A/C MOD PER ECR 736			
L		031 WHEN MOD PER ECR 736			
M		040 THRU 099 WHEN MOD PER ECR 736			
N		003 THRU 040			
P		041 & ON			
S		015 & ON			
T		003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381			
U		003 THRU 069 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 277 OR ECR 381			
V		070 & ON EXCEPT A/C MOD PER ECR 227			
W		003 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, OR ECR 381			
X		003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277, OR ECR 381 & A/C ARE CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON		
				THRU		
1A-		1 2 3 4 5 6 7				
	Y	EQUIPPED WITH FABRIC WINDOW CURTAINS				
	Z	003 & ON WHEN FORE & AFT SLIDING WINDOW				
	AA	SHADES ARE INSTALLED				
	AB	003 THRU 014				
	AC	015 THRU 051 EXCEPT A/C MOD PER ECR 233,				
	AD	ECR 230, ECR 277 OR ECR 381				
	AE	003 & ON WHEN MOD PER SK23/24-282				
	AF	035 & ON				
	AG	SEE REF FIGURE FOR USAGE				
	AH	018 THRU 069 WHEN JET FUEL PUMPS ARE				
	AJ	INSTALLED IN THE WING ONLY				
	AK	015 THRU 069 EXCEPT A/C MOD PER ECR 233,				
		ECR 230, ECR 277, ECR 381, ECR 392 ECR				
		401 OR ECR 354				
		070 & ON EXCEPT A/C MOD PER ECR 227				
		003 THRU 024 WHEN MOD PER SK23-195				
		040 THRU 051 WHEN JET FUEL PUMPS ARE				
		INSTALLED & 030 THRU 039 WHEN JET FUEL				
		PUMPS ARE INSTALLED IN THE WING ONLY				
		EXCEPT 030 THRU 051 WHEN MOD PER ECR 233				
		ECR 230 OR ECR 401				
		052 THRU 069 WHEN JET FUEL PUMPS				
		ARE INSTALLED				
		A---ATTACHING PARTS				

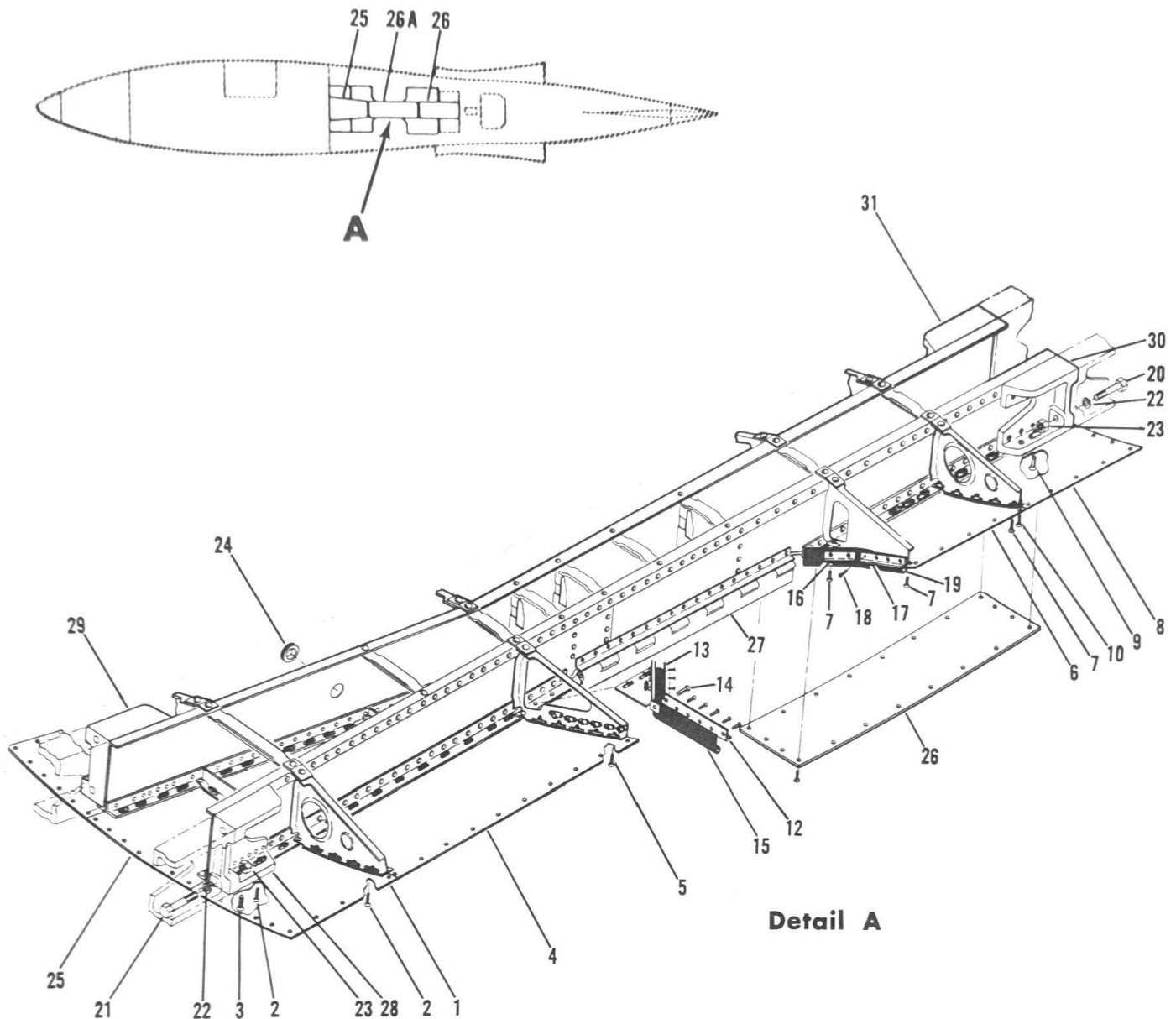


Figure 2. Keel Beam Installation

14-12A-2  
A4-10C

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
2 -		KEEL BEAM INSTALLATION			
-1	2311600-079	• DOOR-LH -----	1		
	2311600-080	• DOOR-RH -----	1		
-2	AN509-8R9	A • SCREW -----	5		
	AN509-8R6	A • SCREW -----	10		
-3	AN509-8R11	A • SCREW -----	1		
-4	2311600-059	• DOOR-LH -----	1		
	2311600-060	• DOOR-RH -----	1		
	AN509-8R6	A • SCREW -----	25		
-5	AN509-8R9	A • SCREW -----	5		
-6	2311600-101	• DOOR-LH FOR SPARES ORDER			
	2311600-131	• DOOR-LH -----	1		
	2311600-102	• DOOR-RH FOR SPARES ORDER			
	2311600-130	• DOOR-RH -----	1		
-7	2311600-130	• DOOR-RH -----	1		
	AN509-8R8	A • SCREW -----	AR		
	AN509-8R6	A • SCREW -----	AR		
	AN509-8R10	A • SCREW -----	AR		
		CONTINUED			
		A---ATTACHING PARTS			



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
2 -8	2311600-087	. DOOR-LH -----	1		047
	2311600-128	. DOOR-LH -----	1	048	
	2311600-088	. DOOR-RH -----	1		047
	2311600-129	. DOOR-RH -----	1	048	
	AN509-8R6	A . SCREW -----	AR		
-9	AN509-8R10	A . SCREW -----	1		
-10	AN509-8R8	A . SCREW -----	AR		
-12	2311600-115	. ANGLE-SEAL LH -----	1		
-13	2311600-121	. ANGLE-SEAL LH -----	1		
	2311600-116	. ANGLE-SEAL RH -----	1		
	2311600-122	. ANGLE-SEAL RH -----	1		
	NAS221-8	A . SCREW -----	AR		
-14	NAS221-9	A . SCREW -----	AR		
-15	2311600-123	. SEAL-GEAR DOOR -----	2		
-16	2311600-117	. ANGLE-SEAL -----	1		
-17	2311600-119	. ANGLE-SEAL -----	1		
	2311600-118	. ANGLE-SEAL -----	1		
	2311600-120	. ANGLE-SEAL -----	1		
	NAS221-8	A . SCREW -----	AR		
-18	NAS221-9	A . SCREW -----	AR		
-19	2311600-124	. SEAL-GEAR DOOR -----	2		
	2311600-002	. BEAM ASSEMBLY-KEEL -----	1		
-20	MS20005-14	A . BOLT -----	4		
-21	MS2005-36	A . BOLT -----	4		
-22	MS20002C5	A . WASHER -----	8		
-23	MS20365-524	A . NUT -----	8		
		. . STRUCTURE ASSEMBLY-BEAM -----	1		
-24	MS21266-1N	. . . GROMMET -----	1		
-25	2311610-024	. . . COVER-FORWARD -----	1	A	
	2381246-003	. . . COVER-FORWARD -----	1	B	
-26	2311610-026	. . . COVER-AFT -----	1	C	
	2311610-081	. . . COVER-AFT -----	1	D	
	2311610-071	. . . COVER-AFT -----	1	E	
	2381246-005	. . . COVER-AFT -----	1	F	
	2381246-006	. . . COVER-AFT -----	1	G	
	AN509-8R8	A . . . SCREW -----	AR	A	
	AN509-8R9	A . . . SCREW -----	AR	B	
-26A	2311610-025	. . . CAP-BOTTOM -----	1	A	
	2381246-004	. . . CAP-BOTTOM -----	1	B	
-27	2311610-066	. . . HINGE ASSEMBLY -----	2		
	2311610-067	. . . HINGE HALF -----	1		
	2311610-068	. . . HINGE HALF -----	1		
	2311610-069	. . . PIN-HINGE -----	1		
-28	2311611-005	. . . FITTING-FWD LH -----	1		
-29	2311611-006	. . . FITTING-FWD RH -----	1		
	NAS221-11	A . . . SCREW -----	8		
	AN960-10	A . . . WASHER -----	8		
	MS20365-1032	A . . . NUT -----	8		
-30	2311611-001	. . . FITTING-AFT LH -----	1		
-31	2311611-002	. . . FITTING-AFT RH -----	1		
		A 003 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381 ECR 392 OR ECR 401			
		B 003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, ECR 392 OR ECR 401			
		C 003 THRU 039 EXCEPT A/C MOD PER ECR 233, ECR 277, ECR 381, ECR 392 OR ECR 401			
		D 040 THRU 047 EXCEPT A/C MOD PER ECR 230			
		E 048 THRU 099 EXCEPT A/C MOD PER ECR 230 OR ECR 227			
		F 003 THRU 047 WHEN MOD PER ECR 233, ECR 230, ECR 392, ECR 381 OR ECR 401			
		G 048 & ON WHEN MOD PER ECR 230 OR ECR 227			
		A---ATTACHING PARTS			



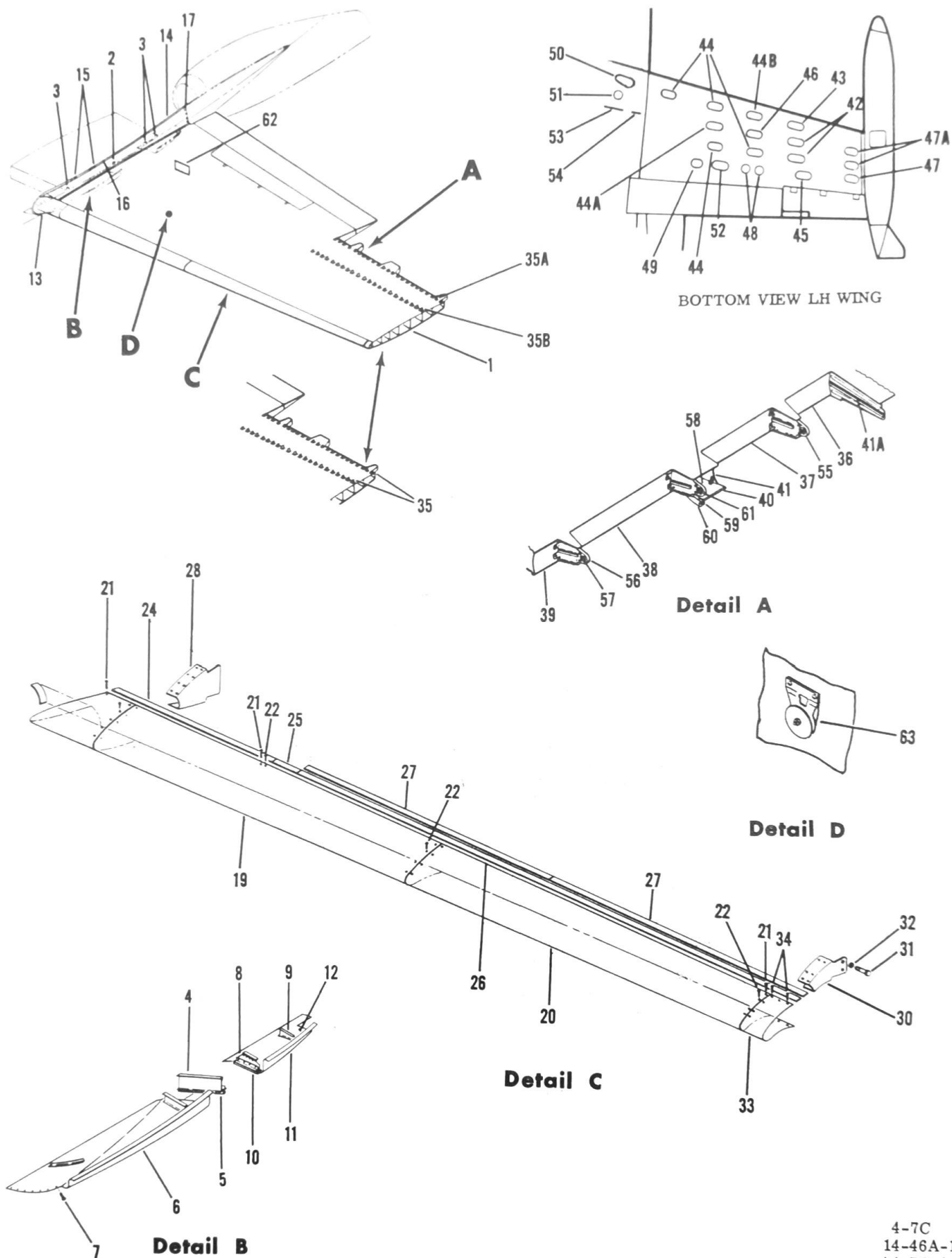


Figure 3. Wing Installation

4-7C  
 14-46A-1  
 A4-7C-1  
 B4-7C  
 C4-7C  
 D4-12C

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				1 2 3 4 5 6 7	THRU
3 -		WING INSTALLATION LH			
		WING INSTALLATION RH			
	SEE FIGURE 4	• AILERON INSTALLATION	1		
	SEE FIGURE 5	• FLAP INSTALLATION-WING	1		
	SEE FIGURE 6	• FLAP SUPPORT INSTALLATION	1		
	SEE FIGURE 7	• SPOILER INSTALLATION-WING	1		
	SEE FIGURE 8	• DOOR INSTL-MAIN GEAR INBD & OUTBD	1		
-1		• STRUCTURE ASSEMBLY-WING	1		
-2	AN7-22A	A • BOLT	1		
-3	AN7-17A	A • BOLT	2		
	AN960-716L	A • WASHER	6		
	MS20365-720	A • NUT	8		
-4	2322540-080	• FAIRING INSTALLATION-LOWER	8		
	2322540-096	• • BULKHEAD ASSEMBLY-LH	1		
	2322540-079	• • BULKHEAD ASSEMBLY-LH	1		
	2322540-095	• • BULKHEAD ASSEMBLY-RH	1		
	NAS220-7	• • BULKHEAD ASSEMBLY-RH	1		
	AN960D8L	A • SCREW	1		
-5	2322540-049	A • WASHER	4		
	NAS221-8	• • SEAL-DOOR	4		
-6	2322540-010	A • SCREW	2		
	2322540-009	• • FAIRING-LH	6		
	AN509-10R10	• • FAIRING-RH	1		
-7	AN509-8R8	A • SCREW	1		
-8	2322540-060	A • SCREW	12		
	2322540-059	• • BULKHEAD ASSEMBLY-LH	7		
	NAS220-7	• • BULKHEAD ASSEMBLY-RH	1		
	AN960D8L	A • SCREW	1		
-9	2322540-068	A • WASHER	4		
	2322540-067	• • BULKHEAD ASSEMBLY-LH	4		
	NAS220-7	• • BULKHEAD ASSEMBLY-RH	1		
	AN960D8L	A • SCREW	1		
-10	2322540-050	A • WASHER	4		
	NAS221-8	• • SEAL-DOOR	4		
-11	2322540-008	A • SCREW	2		
	2322540-007	• • FAIRING-LH	7		
	AN509-10R10	• • FAIRING-RH	1		
-12	2322540-084	A • SCREW	1		
	2322540-083	• • BRACKET ASSEMBLY-LH	4		
	AN509-8R6	• • BRACKET ASSEMBLY-RH	1		
		A • SCREW	1		
-13	2322547-023	• FAIRING INSTALLATION-UPPER	5		
	2322547-024	• • FAIRING-LH	1		
	AN509-10R9	• • FAIRING-RH	1		
-14	2322547-021	• • SCREW	1		
		• • FAIRING ASSY-LH FOR SPARES USE	AR		
	2322547-025	• • FAIRING ASSY-LH FOR SPARES USE	1		
	2322547-031	• • FAIRING ASSY-LH FOR SPARES USE	1		
	2422548-003	• • FAIRING ASSY-LH FOR SPARES USE	1		
	2322547-022	• • FAIRING ASSY-RH FOR SPARES USE	1		
	2322547-026	• • FAIRING ASSY-RH FOR SPARES USE	1		
	2322547-032	• • FAIRING ASSY-RH FOR SPARES USE	1		
	2422548-004	• • FAIRING ASSY-RH	1		
-15	AN509-10R10	A • SCREW	1		
-16	AN509-10R11	A • SCREW	4		
-17	AN509-10R7	A • SCREW	1		
	AN509-10R9	A • SCREW	4		
	2488028-003	• LEADING EDGE INSTALLATION-WING	30		
	2488028-004	• • LEADING EDGE ASSY-WING LH	1		
-19	2322377-005	• • LEADING EDGE ASSY-WING RH	1		
	2322377-006	• • SKIN-MIDDLE LH	1		
-20	2322377-007	• • SKIN-MIDDLE RH	1		
	2322377-008	• • SKIN-OUTBOARD LH	1		
-21	AN509C8R7	• • SKIN-OUTBOARD RH	1		
-22	AN509C8R6	A • SCREW	AR		
-24	2322377-012	A • SCREW	AR		
	2322377-011	• • FILLER-UPPER	1		
-25	2322377-014	• • FILLER-LOWER	1		
	2322377-013	• • FILLER-UPPER	1		
-26	2322377-016	• • FILLER-LOWER	1		
		• • FILLER-UPPER FOR ALTERNATE USE	1		
	2322377-015	• • FILLER-LOWER	1		
-27	2322377-018	• • FILLER-UPPER INBOARD	1		
	2322377-019	• • FILLER-UPPER OUTBOARD	1		
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
3 -28	2488028-005	. . RIB-INBOARD ATTACH LH -----	1		
	2488028-006	. . RIB-INBOARD ATTACH RH -----	1		
-30	2322418-001	. . RIB-OUTBOARD LH -----	1	G	
	2322418-002	. . RIB-OUTBOARD RH -----	1	G	
	2322418-003	. . RIB-OUTBOARD LH -----	1	H	
	2322418-004	. . RIB-OUTBOARD RH -----	1	H	
-31	AN3-6A	A . . BOLT -----	2		
-32	AN960PD10	A . . WASHER -----	2		
-33	2322377-009	. . PANEL-ACCESS LH -----	1		
	2322377-010	. . PANEL-ACCESS RH -----	1		
-34	AN509C8R9	A . . SCREW -----	AR		
	AN509C8R6	A . . SCREW -----	AR		
		. VORTEX GENERATOR INSTALLATION -----	1		
-35	2322555-003	. . BLADE-VORTEX GENERATOR -----	50	A	
-35A	2322571-003	. . BLADE-VORTEX GENERATOR -----	19	B	
-35B	2322555-003	. . BLADE-VORTEX GENERATOR -----	26	B	
		. CLOSURE INSTALLATION-GAP -----	1		
-36	2322550-005	. . PANEL-LH -----	1		
	2322550-026	. . PANEL-RH -----	1		
-37	2322550-006	. . PANEL -----	1		
-38	2322550-007	. . PANEL -----	1		
-39	2322550-019	. . PANEL-LH -----	1		
	2322550-020	. . PANEL-RH -----	1		
	NAS220-6	A . . SCREW -----	4		
-40	2322550-023	. . DOOR-LH -----	1	J	
	2322550-027	. . DOOR-LH -----	1	K	
	2322550-024	. . DOOR-RH -----	1	J	
	2322550-028	. . DOOR-RH -----	1	K	
	AN509-10R8	A . . SCREW -----	4		
-41	2322550-021	. . RIB ASSEMBLY-LH -----	1		
	2322550-022	. . RIB ASSEMBLY-RH -----	1		
	AN509-10R8	A . . SCREW -----	2		
		. DOOR INSTALLATION-ACCESS -----	1		
-41A	2322510-077	. . STRIP-GAP CLOSURE -----	1		
-42	2322064-029	. . DOOR ASSEMBLY -----	2	G	
	2322259-023	. . DOOR ASSEMBLY -----	2	H	
	AN509-10R10	A . . SCREW -----	36	G	
	AN509-8R10	A . . SCREW -----	48	H	
	4600H-02	A . . NUTPLATE -----	18	G	
	4600H-82	A . . NUTPLATE -----	24	H	
-43	2322064-028	. . DOOR ASSEMBLY -----	1	G	
	2322259-024	. . DOOR ASSEMBLY -----	1	H	
	AN509-10R10	A . . SCREW -----	18	G	
	AN509-8R10	A . . SCREW -----	24	H	
	4600H-02	A . . NUTPLATE -----	18	G	
	4600H-82	A . . NUTPLATE -----	24	H	
-44	2322064-004	. . DOOR ASSEMBLY -----	4	G	
	2322259-023	. . DOOR ASSEMBLY -----	4	H	
	AN509-10R10	A . . SCREW -----	95	G	
	AN509-8R10	A . . SCREW -----	120	H	
	4600H-02	A . . NUTPLATE -----	19	G	
	4600H-82	A . . NUTPLATE -----	24	H	
-44A	2322030-004	. . DOOR ASSEMBLY -----	1	G	
	2322259-026	. . DOOR ASSEMBLY -----	1	H	
	AN509-10R10	A . . SCREW -----	19	G	
	AN509-8R10	A . . SCREW -----	24	H	
	4600H-02	A . . NUTPLATE -----	19	G	
	4600H-82	A . . NUTPLATE -----	24	H	
-44B	2322259-025	. . DOOR ASSEMBLY -----	1	H	
	AN509-8R10	. . SCREW -----	24	H	
	4600H-02	A . . NUTPLATE -----	19	G	
	4600H-82	A . . NUTPLATE -----	24	H	
-45	2322064-034	. . DOOR ASSEMBLY -----	1	G	
	2322259-005	. . DOOR -----	1	H	
	AN509-10R10	A . . SCREW -----	19	G	
	AN509-8R10	A . . SCREW -----	24	H	
	4600H-02	A . . NUTPLATE -----	19	G	
	4600H-82	A . . NUTPLATE -----	24	H	
-46	2322064-025	. . DOOR -----	1	L	
	SEE FIGURE 58	. . DOOR-FUEL PROBE ACCESS -----	1	M	
	AN509-10R10	A . . SCREW -----	18	G	
	AN509-8R10	A . . SCREW -----	24	H	
	4600H-02	A . . NUTPLATE -----	34	G	
	4600H-82	A . . NUTPLATE -----	24	H	
-47	2322030-117	. . DOOR -----	1	G	
	2322259-021	. . DOOR -----	1	H	
	AN509-10R10	A . . SCREW -----	10	G	
	AN509-8R10	A . . SCREW -----	16	H	
	4600H-02	A . . NUTPLATE -----	10	G	
	NAS697A08	A . . NUTPLATE -----	2		
	AN680A08	A . . NUTPLATE -----	14	H	

CONTINUED

A---ATTACHING PARTS

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
3 -47A	2322030-117	. . DOOR -----	2	G	
	2322259-022	. . DOOR ASSEMBLY -----	2	H	
	AN509-10R10	A . . SCREW -----	20	G	
	AN509-8R10	A . . SCREW -----	32	H	
	4600H-02	A . . NUTPLATE -----	20	G	
	4600H-82	A . . NUTPLATE -----	28	H	
-48	2322064-016	. . DOOR -----	2	G	
	2322259-015	. . DOOR -----	2	H	
	AN509-10R7	A . . SCREW -----	18	G	
	AN509-8R9	A . . SCREW -----	24	H	
	NAS686A3	A . . NUTPLATE -----	9	G	
	NAS680A08	A . . NUTPLATE -----	12	H	
-49	2322064-022	. . DOOR -----	1	G	
	2322259-016	. . DOOR -----	1	H	
	AN509-10R7	A . . SCREW -----	14	G	
	AN509-8R9	A . . SCREW -----	16	H	
	NAS686A3	A . . NUTPLATE -----	14	G	
	NAS680A08	A . . NUTPLATE -----	16	H	
-50	2322030-123	. . DOOR ASSEMBLY-ACCESS LH -----	1	G	
	2322259-017	. . DOOR ASSEMBLY-ACCESS LH -----	1	H	
	2322030-124	. . DOOR ASSEMBLY-ACCESS RH -----	1	G	
	2322259-051	. . DOOR ASSEMBLY-ACCESS RH -----	1	H	
	NAS221-13	A . . SCREW -----	29		
	AN960PD10L	A . . WASHER -----	29		
-51	SEE FIGURE 58	. . DOOR-FUEL PROBE ACCESS -----	REF		
-52	2322516-049	. . DOOR-ACCESS LH -----	1	G	
	2322516-081	. . DOOR-ACCESS LH WHEN EXHAUSTED USE 2322516-133 -----	1	H	
	2322516-133	. . DOOR-ACCESS LH -----	1	Q	
	2322516-050	. . DOOR-ACCESS RH -----	1	G	
	2322516-082	. . DOOR-ACCESS RH WHEN EXHAUSTED USE 2322516-134 -----	1	H	
	2322516-134	. . DOOR-ACCESS RH -----	1	R	
	AN509-10R8	A . . SCREW -----	24		
	NAS697A3	A . . NUTPLATE -----	24	G	
	NAS680A3	A . . NUTPLATE -----	22	H	
	NAS697A3	A . . NUTPLATE -----	2	H	
-53	2322140-061	. . DOOR-WHEEL WELL SPAR #5 LH & RH -----	2	G	
	2322140-070	. . DOOR-WHEEL WELL SPAR #5 LH & RH -----	2	H	
	AN4-6A	A . . BOLT -----	52		
	2322140-064	A . . GASKET -----	2		
	AN960PD416	A . . WASHER -----	52		
-54	2322140-063	. . DOOR-WHEEL WELL LH & RH WING -----	2	J	
	2322140-069	. . DOOR-WHEEL WELL LH & RH WING -----	2	K	
	AN4-6A	A . . BOLT -----	36		
	2322140-065	A . . GASKET -----	2		
	AN960PD416	A . . WASHER -----	36		
		. . BRACKET INSTALLATION-AILERON HINGE -----	1		
-55	2322530-039	. . BRACKET ASSEMBLY-HINGE LH INBOARD -----	1		
	2322530-040	. . BRACKET ASSEMBLY-HINGE RH INBOARD -----	1		
	6950-S-04-6	A . . PIN-DRIVE -----	1		
	MS27645-4	. . BEARING -----	1		
-56	2322530-041	. . BRACKET ASSEMBLY-HINGE LH OUTBOARD -----	1		
	2322530-042	. . BRACKET ASSEMBLY-HINGE RH OUTBOARD -----	1		
	6950-S-04-6	A . . PIN-DRIVE -----	1		
	MS27645-4	. . BEARING -----	1		
-57	2322530-019	. . BRACKET ASSEMBLY-MIDDLE LH -----	1	A	
-58	2322530-027	. . BRACKET ASSEMBLY-MIDDLE LH -----	1	B	
	2322530-020	. . BRACKET ASSEMBLY-MIDDLE RH -----	1	A	
	2322530-028	. . BRACKET ASSEMBLY-MIDDLE RH -----	1	B	
	9650-S-04-6	A . . PIN-DRIVE -----	1		
-59	2322530-021	. . ARM-LINK LH -----	1	A	
	2322530-029	. . ANGLE LH -----	1	B	
	2322530-022	. . ARM-LINK RH -----	1	A	
	2322530-030	. . ANGLE RH -----	1	B	
-60	2322530-023	. . PLATE-LINK -----	1	A	
	2322530-031	. . PLATE LH -----	1	B	
	2322530-032	. . PLATE RH -----	1	B	
	2322530-033	. . STUD -----	1	B	
-61	MS27645-4	. . BEARING -----	1		
-62	S-905	. . PLATE IDENTIFICATION -----	2		
-63	NAS11	. . VALVE ASSEMBLY-FLAPPER -----	22		
	AN3-3A	A . . BOLT -----	44		
	AN960-10	A . . WASHER -----	44		
		A 003 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, ECR 392 OR ECR 401			
		B 003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, ECR 392 OR			
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
3 -		1 2 3 4 5 6 7			
	C	ECR 401			
		003 THRU 010 EXCEPT A/C MOD PER ECR 233			
		OR ECR 392			
	E	011 THRU 020 EXCEPT A/C MOD PER ECR 233,			
		ECR 277, ECR 381 OR ECR 392			
	F	021 & ON & A/C MOD PER ECR 233, ECR 277,			
		ECR 381 OR ECR 392			
	G	003 THRU 039 EXCEPT A/C MOD PER ECR 233,			
		ECR 277, ECR 381, ECR 392 OR ECR 401			
	H	040 & ON & A/C MOD PER ECR 233, ECR 277,			
		ECR 381, ECR 392 OR ECR 401			
	J	003 THRU 009 EXCEPT A/C MOD PER ECR 233			
		OR ECR 392			
	K	010 & ON & A/C MOD PER ECR 233 OR ECR			
		392			
	L	003 THRU 024 EXCEPT A/C MOD PER ECR 233,			
		ECR 277, ECR 381 OR ECR 392			
	M	025 & ON			
	N	003 THRU 007 EXCEPT A/C MOD PER ECR 233			
		OR ECR 392			
	P	070 & ON & A/C MOD PER ECR 233, ECR 277,			
		ECR 381, ECR 392 OR ECR 401			
	Q	USE AS SPARE FOR 2322516-081			
	R	USE AS SPARE FOR 2322516-082			
	S	USE AS SPARE FOR 2322547-021, -025 &			
		-031			
	T	USE AS SPARE FOR 2322547-022, -026 &			
		-032			
A---ATTACHING PARTS					

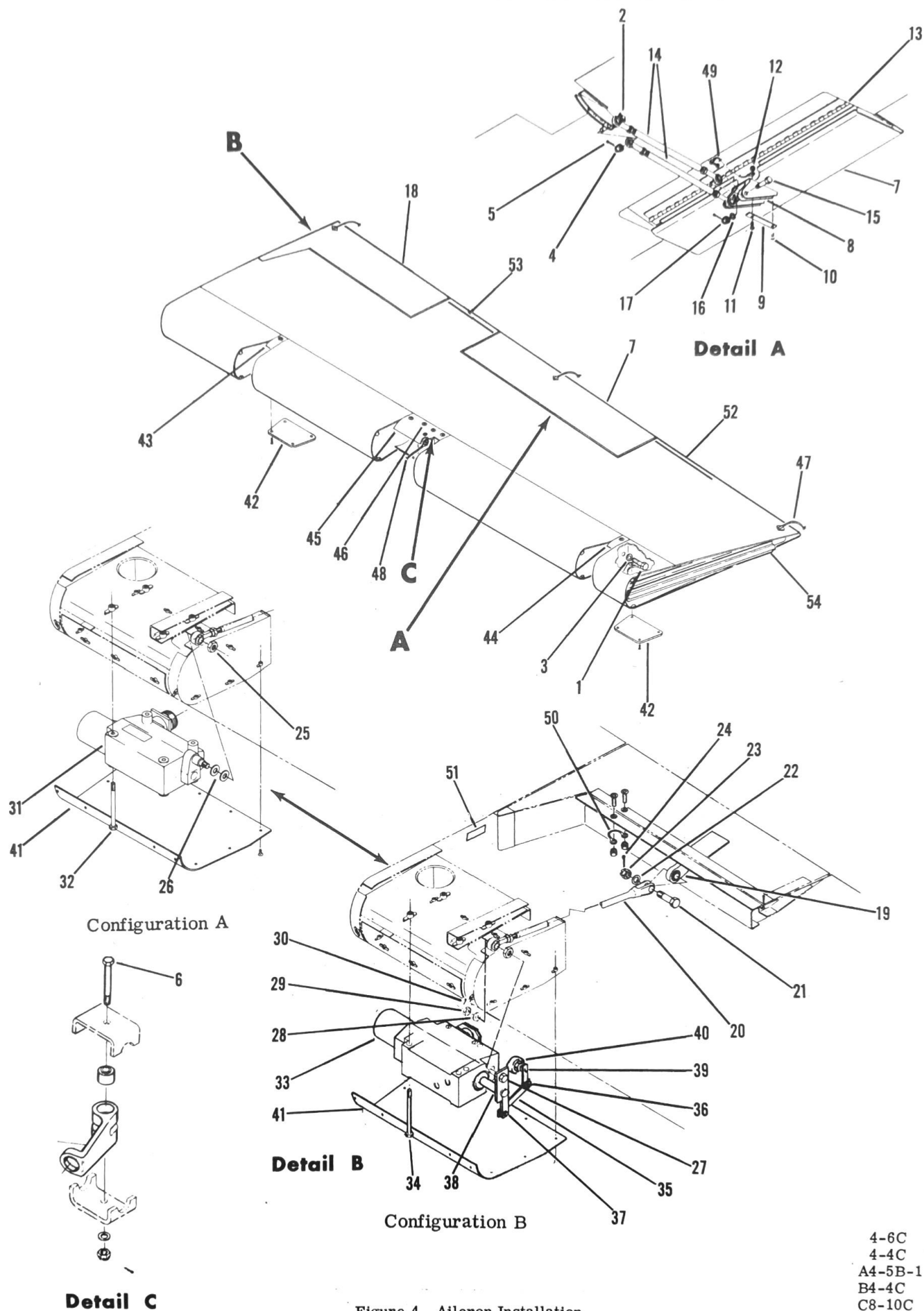


Figure 4. Aileron Installation



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
4 -	2324011-001	AILERON INSTALLATION		A	
	2324011-181	. AILERON ASSEMBLY-LH FOR SPARES ORDER 2392408-001 AILERON KIT -----	1	B	
	2324011-137	. AILERON ASSEMBLY-LH FOR SPARES ORDER 2392408-001 AILERON KIT -----	1	C	
	2392407-001	. AILERON ASSEMBLY-LH FOR SPARES ORDER 2392408-001 AILERON KIT -----	1	D	
	2324011-215	. AILERON ASSEMBLY-LH FOR SPARES ORDER 2492404-001 AILERON KIT -----	1	E	
	2492404-003	. AILERON ASSEMBLY-LH FOR SPARES ORDER 2492404-001 AILERON KIT TRIM ON INSTL COMPONENT OF 2392404-001 AILERON KIT -----	1	F	
	2324011-002	. AILERON ASSEMBLY-RH FOR SPARES ORDER 2392408-002 AILERON KIT -----	1	G	
	2324011-136	. AILERON ASSEMBLY-RH FOR SPARES ORDER 2392408-002 AILERON KIT -----	1	H	
	2392407-002	. AILERON ASSEMBLY-RH FOR SPARES ORDER 2392408-002 AILERON KIT TRIM ON INSTL COMPONENT OF 2392408-002 -----	1	D	
	2324011-216	. AILERON ASSEMBLY-RH FOR SPARES ORDER 2492404-002 -----	1	J	
	2492404-004	. AILERON ASSEMBLY-RH FOR SPARES ORDER 2492404-002 AILERON KIT TRIM ON INSTL COMPONENT OF 2492404-002 AILERON KIT -----	1	F	
-1	AN4H11A	A . BOLT -----	6	K	
	AN4H11A	A . BOLT INBD & OUTBD HINGE -----	4	L	
	AN4H12A	A . BOLT CENTER HINGE -----	2	M	
-2	AN4-7	A . BOLT -----	2	Q	
-3	AN960-416	A . WASHER -----	AR	A	
-4	AN320-4	A . NUT -----	AR	A	
-5	MS24665-134	A . PIN-COTTER -----	AR	A	
-6	NAS464P4A33	A . BOLT -----	2	AD	
	NAS1304-34H	A . BOLT -----	2	AE	
	NAS1104-38D	A . BOLT -----	2	AF	
	2324505-036	A . SHIM -----	AR	A	
	AN960D416L	A . WASHER -----	AR	A	
	AN960D416	A . WASHER -----	AR	A	
	AN320-4	A . NUT -----	AR	A	
	MS24665-132	A . PIN-COTTER -----	AR	A	
-7	2392402-001	. . . TAB ASSEMBLY-AILERON BALANCE LH -----	1	Q	
	2324028-083	. . . TAB ASSEMBLY-AILERON BALANCE LH -----	1	F	
	2392402-002	. . . TAB ASSEMBLY-AILERON BALANCE RH -----	1	Q	
	2324028-084	. . . TAB ASSEMBLY-AILERON BALANCE RH -----	1	F	
-8	2324011-111	. . . ARM-LINK ATTACHMENT -----	1	Q	
	2324011-223	. . . ARM-LINK ATTACHMENT -----	1	F	
	2324011-113	A . . . FILLER -----	AR	A	
-9	NAS221-8	A . . . SCREW -----	AR	A	
-10	NAS221-10	A . . . SCREW -----	AR	A	
-11	AN960D10L	A . . . WASHER -----	1	F	
-12	MS20365-1032	A . . . NUT -----	AR	A	
-13	2324011-277	. . . HINGE ASSEMBLY-BALANCE TAB -----	1	F	
-14		. . . PUSH ROD ASSEMBLY-BALANCE TAB -----	1	Q	
		. . . PUSH ROD ASSEMBLY-BALANCE TAB -----	2	F	
-15	AN4-7	A . . . BOLT -----	1	Q	
	NAS464P4-8	A . . . BOLT -----	1	F	
-16	AN960PD416	A . . . WASHER -----	1	Q	
	AN960D416	A . . . WASHER -----	2	F	
-17	AN320-4	A . . . NUT -----	AR	A	
	MS24665-134	A . . . PIN-COTTER -----	AR	A	
	HFV-4	. . . . ROD END WITH CHROME PLATED -----	AR	A	
	REF-4T	. . . . ROD END WITH CHROME PLATED ALT FOR HFV-4 -----	AR	A	
	TR-4	. . . . ROD END ALT FOR HFV-4 -----	AR	A	
	NAS358-60-900	. . . . TUBE ASSEMBLY -----	AR	A	
	AN316-4R	A . . . NUT -----	AR	A	
-18	2324011-157	. . . TAB INSTALLATION-TRIM LH AIL ONLY -----	1	A	
	2392403-001	. . . TAB ASSEMBLY-TRIM FOR SPARES ORDER 2392403-001 -----	1	Q	
	2324028-085	* . . . TAB ASSEMBLY-TRIM -----	1	R	
-19	2324011-028	* . . . HORN-TAB -----	1	F	
	2324011-235	. . . . HORN-TAB -----	1	Q	
	2324011-029	A . . . . FILLER-RADIUS -----	1	Q	
	NAS221-8	A . . . . SCREW -----	2	Q	
CONTINUED					
A---ATTACHING PARTS					

4

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
4 -	NAS464P3A3	A . . . . BOLT	4	F	
	AN960D10L	A . . . . WASHER	4	F	
-20	2324011-135	. . . . PUSH ROD ASSEMBLY-TRIM TAB	1	Q	
	2324011-227	. . . . PUSH ROD ASSEMBLY-TRIM TAB	1	F	
-21	AN4-7	A . . . . BOLT	1	Q	
	NAS464P4-8	A . . . . BOLT	1	F	
-22	AN960PD416	A . . . . WASHER	1	A	
	AN960-416L	A . . . . WASHER	1	A	
-23	AN320-4	A . . . . NUT	1	S	
-24	MS24665-134	A . . . . PIN-COTTER	1	S	
-25	MS20364-428	A . . . . NUT	2	P	
-26	AN960PD416	A . . . . WASHER	1	P	
-27	AN4-10	A . . . . BOLT	2	P	
-28	AN960PD416	A . . . . WASHER	1	P	
-29	AN320-4	A . . . . NUT	1	P	
-30	MS24665-134	A . . . . PIN-COTTER	1	Q	
	NAS358-60-1250	. . . . TUBE ASSEMBLY	1	F	
	2324011-228	. . . . TUBE ASSEMBLY	AR	A	
	AN316-4R	. . . . NUT			
	HFV-4	. . . . ROD END WITH CHROME PLATED BALL	AR	A	
	REF-4T	. . . . ROD END WITH CHROME PLATED BALL ALT FOR HFV-4	AR	A	
	TR-4	. . . . ROD END ALT FOR HFV-4	AR	A	
-31	2380027-010	. . . . ACTUATOR ASSEMBLY-TRIM TAB	1	S	
-32	AN4-22A	A . . . . BOLT	4	S	
-33	2380072-018	. . . . ACTUATOR ASSEMBLY-TRIM TAB WHEN EXHAUSTED USE 2380072-023	1	T	
	2380072-023	. . . . ACTUATOR ASSEMBLY-TRIM TAB WHEN EXHAUSTED USE 2380072-026	1	U	
	2380072-026	. . . . ACTUATOR ASSEMBLY-TRIM TAB WHEN EXHAUSTED USE 2380072-033	1	V	
	2380072-033	. . . . ACTUATOR ASSEMBLY-TRIM TAB	AR	X	
-34	AN3-21A	A . . . . BOLT	1	X	
-35	2324028-073	. . . . LINK	1	Y	
-36	MS20392-1C11	A . . . . PIN-CLEVIS	1	W	
	MS20392-1C7	A . . . . PIN-CLEVIS	1	X	
	AN960D4	A . . . . WASHER	1	X	
	MS24665-130	A . . . . PIN-COTTER	1	Y	
-37	MS20392-1C21	A . . . . PIN-CLEVIS	1	W	
	MS20392-1C9	A . . . . PIN-CLEVIS	1	X	
	AN960D4	A . . . . WASHER	1	X	
	MS24665-130	A . . . . PIN-COTTER	1	Y	
-38	2333008-003	. . . . ARM-ACTUATOR	1	W	
	2333008-006	. . . . ARM-ACTUATOR	1	Y	
	AN515-6R16	A . . . . SCREW	1	W	
	AN515-8R18	A . . . . SCREW	1	Y	
	MS20365-632	A . . . . NUT	1	W	
	MS20365-832	A . . . . NUT	1	X	
-39	2324028-090	. . . . ARM-POTENTIOMETER	1	X	
	AN515-8R12	A . . . . SCREW	1	X	
	AN960-8L	A . . . . WASHER	2	X	
	MS21042-08	A . . . . NUT	1	X	
-40	CMU1021	. . . . POTENTIOMETER	1	X	
-41	2324011-097	. . . . DOOR-ACCESS LH AILERON ONLY	1	Z	
	2324011-179	. . . . DOOR-ACCESS LH AILERON ONLY	1	P	
	AN509-8R6	. . . . SCREW	AR	A	
-42	2324011-096	. . . . DOOR-ACCESS	2	A	
	AN509-8R6	A . . . . SCREW	8	A	
-43	2324011-017	. . . . FAIRING-HINGE INBOARD	2	A	
	AN509-8R6	A . . . . SCREW	2	A	
-44	2324011-018	. . . . FAIRING-HINGE OUTBOARD	2	A	
	AN509-8R6	A . . . . SCREW	2	A	
-45	2324011-019	. . . . FAIRING-HINGE CTR UPR LH LWR RH	1	AA	
	2324011-187	. . . . FAIRING-HINGE CTR UPR LH LWR RH	1	AB	
	2324011-020	. . . . FAIRING-HINGE CTR LWR LH UPR RH	1	AA	
	2324011-188	. . . . FAIRING-HINGE CTR LWR LH UPR RH	1	AB	
-46	AN509-8R5	A . . . . SCREW	4	L	
	AN509-8R6	A . . . . SCREW	4	L	
-47	6000	. . . . DISCHARGER ZUES MIN	3	AC	
-48	MS25083-2888	. . . . JUMPER-BOND AILERON	1	A	
	AN3-3A	A . . . . BOLT	1	L	
	AN960PD10	A . . . . WASHER	1	L	
	AN509-10R8	A . . . . SCREW	1	M	
	AN960PD10	A . . . . WASHER	1	M	
	MS20365-1032	A . . . . NUT	1	M	
	AN515-8R6	A . . . . SCREW WING ATTACHMENT	1	A	
-49	MS25083-2883	. . . . JUMPER-BOND BALANCE TAB	1	A	
	AN515-8R6	A . . . . SCREW	2	A	
-50	MS25083-2882	. . . . JUMPER-BOND TRIM TAB	1	A	
	AN509-8R6	A . . . . SCREW	2	A	
CONTINUED					
A---ATTACHING PARTS					



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
4 -	MS21042-08	A . . NUT -----	2	A	
-51	S-905	. . PLATE-IDENTIFICATION -----	1	A	
-52	2324011-132	. . TAB-SPOILER 040 THICK -----	AR	A	
	2324011-286	. . TAB-SPOILER 100 THICK -----	AR	A	
-53	2324011-133	. . TAB-SPOILER 040 THICK -----	AR	A	
	2324011-285	. . TAB-SPOILER 100 THICK -----	AR	A	
-54	2324011-093	. . SEAL ASSEMBLY-GAP CLOSURE -----	1	A	
	2424000-004	. . SHIM-GAP CLOSURE SEAL -----	AR	A	
-100	2392408-001	. KIT-AILERON ASSY REPLACEMENT LH -----	1	Q	
		. . COMPONENTS CONSIST OF 2392407-001 & ATTACHING HARDWARE -----	REF	Q	
	2392408-002	. KIT-AILERON ASSY REPLACEMENT RH -----	1	Q	
		. . COMPONENTS CONSIST OF 2392407-002 & ATTACHING HARDWARE -----	REF	Q	
	2492404-001	. KIT-AILERON ASSY REPLACEMENT LH -----	1	F	
		. . COMPONENTS CONSIST OF 2492404-003 -----	REF	F	
	2492404-002	. KIT-AILERON ASSY REPLACEMENT RH -----	1	F	
		. . COMPONENTS CONSIST OF 2492404-004 -----	REF	F	
		* INCLUDES TAB HINGE ASSEMBLY			
		A 003 & ON			
		B 003 THRU 034 EXCEPT A/C MOD PER ECR 233, ECR 277, ECR 381, ECR 392 OR ECR 401			
		C 035 THRU 049 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 392 OR ECR 401			
		D 050 & ON EXCEPT A/C MOD PER ECR 230 OR ECR 227			
		E AVAILABLE IN 2392408-001 KIT ONLY			
		F 003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, ECR 392 OR ECR 401			
		G AVAILABLE IN 2492404-001 KIT ONLY			
		H 003 THRU 049 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 277, ECR 381, ECR 392 OR ECR 401			
		J AVAILABLE IN 2392408-002 KIT ONLY			
		K AVAILABLE IN 2492404-002 KIT ONLY			
		L USABLE WHEN 2324011-001, -002, -181, -136, -137, -215 OR -216 AILERON ASSY IS INSTALLED			
		M USABLE WHEN 2392407-001, -002, 2492404 -003 OR -004 AILERON ASSY IS INSTALLED			
		P USABLE WHEN 2324011-181, -137, -215, 2392407-001 OR 2492404-003 AILERON ASSY IS INSTALLED			
		Q 003 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, ECR 392 OR ECR 401			
		R SPARE FOR 2324011-157			
		S USABLE ON 2324011-001 AILERON ASSY EQUIPPED WITH CONFIGURATION A TRIM TAB ACTUATOR INSTALLATION			
		T USABLE WHEN 2324011-181 AILERON ASSY OR 2324011-137 AILERON ASSY 050 THRU 090 IS INSTALLED			
		U USABLE ON 2324011-001 AILERON ASSY EQUIPPED WITH CONFIGURATION B TRIM TAB ACTUATOR INSTALLATION OR 2324011-137 FOR A/C 091 & ON OR ON 2392407-001 AILERON ASSY			
		V USABLE WHEN 2324011-215 AILERON ASSY IS INSTALLED			
		W USABLE WHEN 2492404-003 IS INSTALLED			
		X USABLE ON ALL AILERON ASSYS EXCEPT 2324011-001 WHEN EQUIPPED WITH CONFIGURATION A TRIM TAB ACTUATOR INSTALLATION			
		Y USABLE ON 2324011-001 AILERON ASSY EQUIPPED WITH CONFIGURATION B TRIM TAB ACTUATOR INSTALLATION OR ON 2324011-181, -137, -215 OR 2392407-001 AILERON ASSY			
		Z USABLE WHEN 2324011-001 AILERON ASSY IS INSTALLED			
		AA USABLE WHEN 2324011-001, -002 OR -181 AILERON ASSY IS INSTALLED			
		AB USABLE WHEN 2324011-136, -137, -215 OR -216 AILERON ASSY IS INSTALLED			
		AC 003 THRU 039 EXCEPT A/C MOD PER SK23-99 CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
4 -	AD	003 & ON EXCEPT A/C EQUIPPED WITH AILERONS THAT HAVE A CENTER HINGE CASTING FOR ATTACHING DRIVE YOKE			
	AE	003 & ON WHEN EQUIPPED WITH AILERONS THAT HAVE CENTER HINGE CASTING WITH THREADED HOLE FOR ATTACHING DRIVE YOKE			
	AF	003 & ON WHEN EQUIPPED WITH AILERONS THAT HAVE CENTER HINGE CASTING THAT DOES NOT HAVE THREADED HOLE FOR ATTACHING DRIVE YOKE			
	A---ATTACHING PARTS				

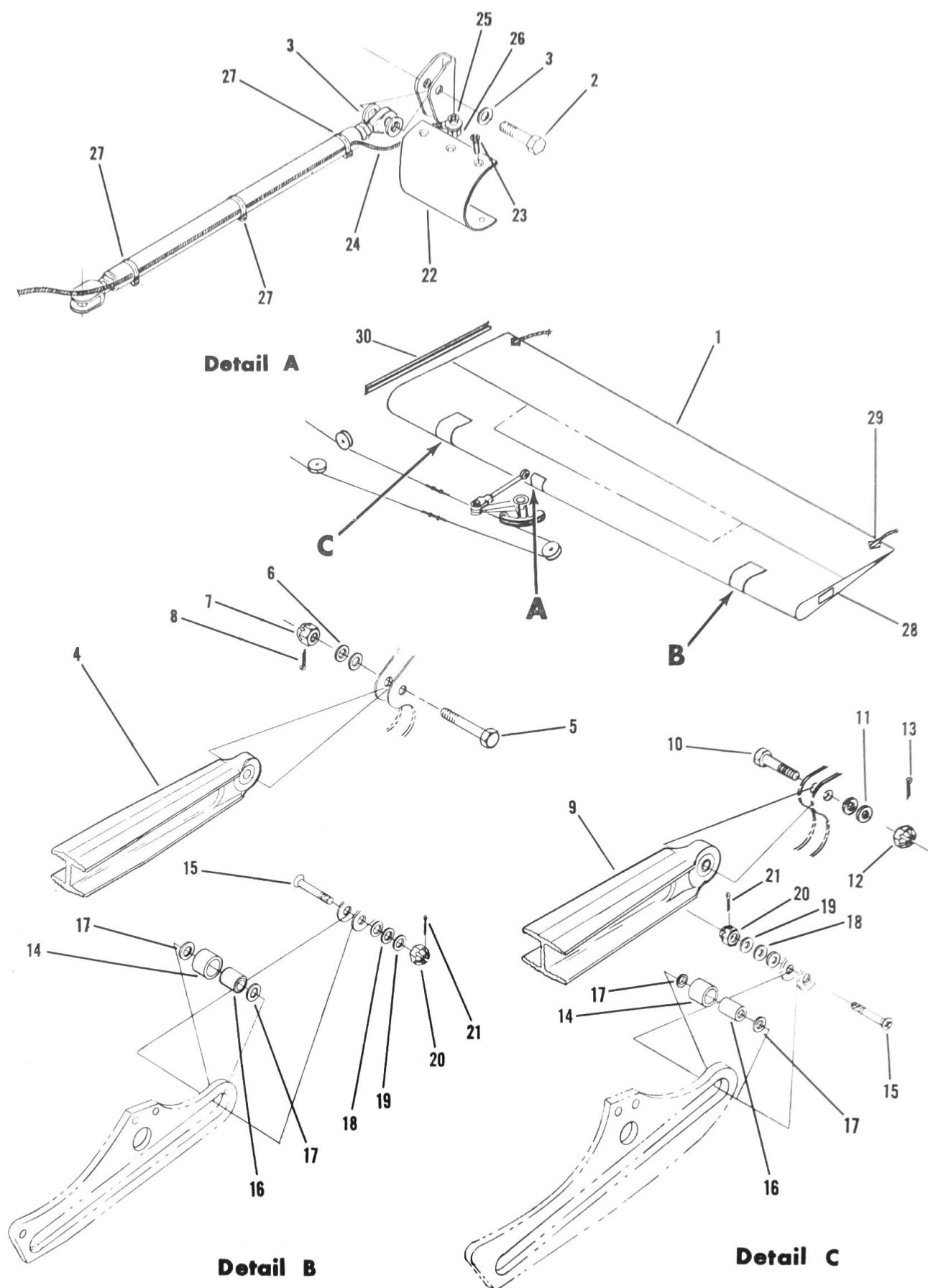


Figure 5. Flap Installation

4-2C  
A8-18C  
B8-18C  
C8-18C

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
5 -		FLAP INSTALLATION			
-1	2325010-001	• FLAP ASSEMBLY-LH FOR SPARES ORDER			
	2325010-151	2325010-239 -----	1	A	
	2325010-227	• FLAP ASSEMBLY-LH FOR SPARES ORDER	1	B	
	2325010-239	2325010-239 -----	1	C	
	2325010-259	• FLAP ASSEMBLY-LH FOR SPARES ORDER	1	E	
	2325010-267	2325010-267 -----	1	L	
	2625010-001	• FLAP ASSEMBLY-LH -----	1	M	
	2325010-002	• FLAP ASSEMBLY-RH FOR SPARES ORDER	1	Q	
	2325010-152	2325010-240 -----	1	A	
	2325010-228	• FLAP ASSEMBLY-RH FOR SPARES ORDER	1	B	
	2325010-240	2325010-240 -----	1	C	
	2325010-260	• FLAP ASSEMBLY-RH FOR SPARES ORDER	1	F	
	2325010-268	2325010-268 -----	1	N	
	2625010-002	• FLAP ASSEMBLY-RH FOR SPARES ORDER	1	P	
-2	AN5H14A	• FLAP ASSEMBLY-RH -----	1	R	
-3	AN960PD516	A • BOLT -----	1		
-4	2325022-001	A • WASHER -----	3		
	2325022-010	• TRACK ASSEMBLY-OUTBOARD WHEN EX- HAUSTED USE 2325022-010 -----	1		
	2325022-013	• TRACK ASSEMBLY-OUTBOARD WHEN EX- HAUSTED USE 2325022-013 -----	1	G	
-5	AN5-11	• TRACK ASSEMBLY-OUTBOARD -----	1	J	
-6	AN960PD516	A • BOLT -----	1		
-7	AN310-5	A • WASHER -----	3		
-8	MS24665-134	A • NUT -----	1		
	BSSR-5235	A • PIN-COTTER -----	1		
	MS21231-5	• BEARING-SELF ALIGNING -----	1		
-9	2325022-005	• BEARING ALT FOR BSSR-5235 -----	1		
	2325022-009	• TRACK ASSEMBLY-INBOARD WHEN EX- HAUSTED USE 2325022-009 -----	1		
	2325022-014	• TRACK ASSEMBLY-INBOARD WHEN EX- HAUSTED USE 2325022-014 -----	1	H	
-10	AN6-12	• TRACK ASSEMBLY-INBOARD -----	1	K	
-11	AN960PD616	A • BOLT -----	1		
-12	AN310-6	A • WASHER -----	2		
-13	MS24665-285	A • NUT -----	1		
	BSSR-6530	A • PIN-COTTER -----	1		
	MS21231-6	• BEARING-SELF ALIGNING -----	1		
-14	2325000-003	• BEARING ALT FOR BSSR-6530 -----	1		
-15	NAS334CP12-5	• ROLLER-FLAP NOSE -----	2		
-16	NAS76A4-21	A • BOLT -----	2		
-17	AN960-616L	A • BUSHING -----	2		
-18	AN960PD416	A • WASHER -----	4		
-19	AN960PD416L	A • WASHER -----	4		
-20	AN310-4	A • WASHER -----	4		
-21	MS24665-134	A • NUT -----	2		
-22	2325010-130	A • PIN-COTTER -----	2		
-23	AN509-10-6	• COVER-ACCESS -----	1		
-24	MS25083-2BB23	A • SCREW -----	6		
-25	AN509-8R6	• JUMPER-BOND -----	1		
-26	MS20365-832	A • SCREW -----	1		
-27	SST-2	A • NUT -----	1		
-28	S-905	A • STRAP-STA -----	3		
-29	2381124-003	• PLATE IDENTIFICATION -----	1		
-30	DAPI4775-1	• DISCHARGER-STATIC -----	2	D	
	SEE FIGURE 10	• DISCHARGER-STATIC -----	2	C	
		• STRIP-GAP CLOSURE -----	REF		
		A 002 THRU 017 EXCEPT A/C MOD PER ECR 233, ECR 277 OR ECR 392			
		B 018 THRU 039 EXCEPT A/C MOD PER ECR 233, ECR 381, ECR 392 OR ECR 401			
		C 040 & ON & A/C MOD PER ECR 233, ECR 277, ECR 381, ECR 392 OR ECR 401			
		D 003 THRU 039 WHEN MOD PER SK23-99 EXCEPT A/C MOD PER ECR 233, ECR 277, ECR 381, ECR 392 OR ECR 401			
		E SPARE FOR 2325010-227			
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION							UNITS PER ASSY	USABLE ON	
										THRU	
5 -		F	SPARE FOR 2325010-228								
		G	SPARE FOR 2325022-001								
		H	SPARE FOR 2325022-005								
		J	SPARE FOR 2325022-010								
		K	SPARE FOR 2325022-009								
		L	SPARE FOR 2325010-239								
		M	SPARE FOR 2325010-259								
		N	SPARE FOR 2325010-240								
		P	SPARE FOR 2325010-260								
		Q	SPARE FOR 2325010-267								
		R	SPARE FOR 2325010-268								
		A---ATTACHING PARTS									

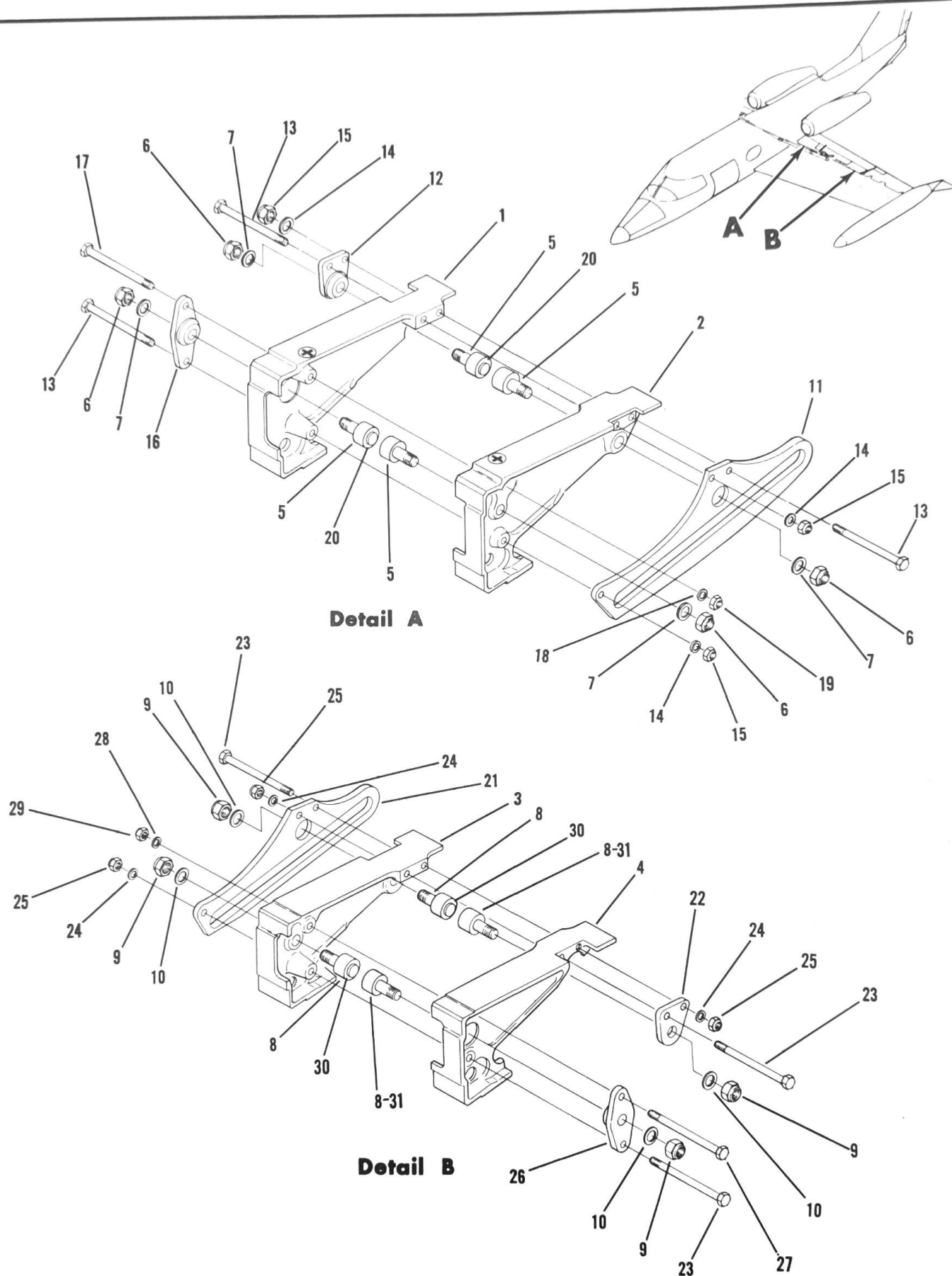


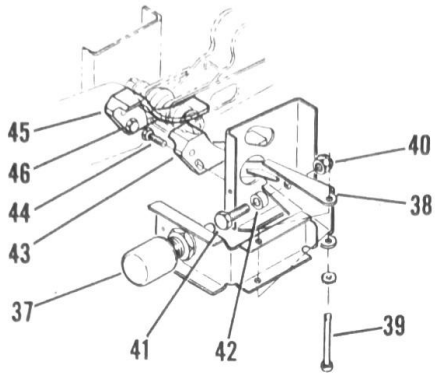
Figure 6. Flap Support Installation

14-16D  
8-50B  
A8-4C  
B8-4C

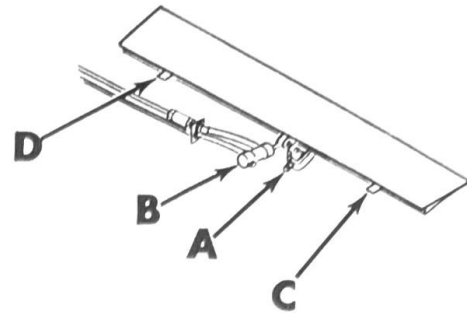
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
6 -		FLAP SUPPORT INSTALLATION LH WING			
-1	2322511-015	FLAP SUPPORT INSTALLATION RH WING			
		• SUPPORT-INNER INBD TRACK LH WING			
		SEE NOTE 1	1	A	
	2322511-023	• SUPPORT-INNER INBD TRACK LH WING			
		SEE NOTE 2 WHEN EXHAUSTED USE	1	B	
	2322511-031	• SUPPORT-INNER INBD TRACK LH WING			
		SEE NOTE 7	1	C	
	2322511-016	• SUPPORT-INNER INBD TRACK RH WING			
		SEE NOTE 3	1	A	
	2322511-024	• SUPPORT-INNER INBD TRACK RH WING			
		SEE NOTE 4 WHEN EXHAUSTED USE	1	B	
	2322511-030	• SUPPORT-INNER INBD TRACK RH WING			
		SEE NOTE 8	1	D	
-2	2322511-017	• SUPPORT-OUTER INBD TRACK LH WING			
		SEE NOTE 1	1	A	
	2322511-025	• SUPPORT-OUTER INBD TRACK LH WING			
		SEE NOTE 2 WHEN EXHAUSTED USE	1	B	
	2322511-029	• SUPPORT-OUTER INBD TRACK LH WING			
		SEE NOTE 7	1	E	
	2322511-018	• SUPPORT-OUTER INBD TRACK RH WING			
		SEE NOTE 3	1	A	
	2322511-026	• SUPPORT-OUTER INBD TRACK RH WING			
		SEE NOTE 4 WHEN EXHAUSTED USE	1	B	
	2322511-028	• SUPPORT-OUTER INBD TRACK RH WING			
		SEE NOTE 8	1	M	
-3	2322512-005	• SUPPORT-INNER OUTBD TRACK LH WING			
		SEE NOTE 5 WHEN EXHAUSTED USE	1		
	2322512-017	• SUPPORT-INNER OUTBD TRACK LH WING			
		SEE NOTE 9	1	F	
	2322512-006	• SUPPORT-INNER OUTBD TRACK RH WING			
		SEE NOTE 6 WHEN EXHAUSTED USE	1		
	2322512-016	• SUPPORT-INNER OUTBD TRACK RH WING			
		SEE NOTE 10	1	G	
-4	2322512-003	• SUPPORT-OUTER OUTBD TRACK LH WING			
		SEE NOTE 5 WHEN EXHAUSTED USE	1		
	2322512-015	• SUPPORT-OUTER OUTBD TRACK LH WING			
		SEE NOTE 9	1	H	
	2322512-004	• SUPPORT-OUTER OUTBD TRACK RH WING			
		SEE NOTE 6 WHEN EXHAUSTED USE	1		
	2322512-014	• SUPPORT-OUTER OUTBD TRACK RH WING			
		SEE NOTE 10	1	J	
-5	CF-1-S-CP	• FOLLOWER-CAM	4		
	CRS-16CP	• FOLLOWER-CAM ALT FOR CF-1-S-CP	4		
	CTA-31X-65	• FOLLOWER-CAM ALT FOR CF-1-S-CP	4		
-6	MS20364-720	A • NUT	4		
-7	AN960-716	A • WASHER	4		
-8	CF-7/8-S-CP	• FOLLOWER-CAM	4		
	CRS-14CP	• FOLLOWER-CAM ALT FOR CF-7/8-S-CP	4		
	CTA-27X-41	• FOLLOWER-CAM ALT FOR CF-7/8-S-CP	4		
-9	MS20364-624	A • NUT	4		
-10	AN960-616	A • WASHER	4		
-11	2322511-007	• TRACK-NOSE ROLLER INBD TRACK			
		WHEN EXHAUSTED USE 2322511-027	1		
	2322511-027	• TRACK-NOSE ROLLER INBD TRACK	1	K	
-12	2322511-008	• CAP-AFT INBD TRACK	1		
-13	AN4-36A	• BOLT	3		
-14	AN960-416	• WASHER	3		
-15	MS20365-428	• NUT	3		
-16	2322511-009	• CAP-FORWARD	1		
-17	AN4-33A	• BOLT	1		
-18	AN960-416	• WASHER	1		
-19	MS20365-428	• NUT	1		
-20	2322513-002	• BUTTON	4		
-21	2322512-007	• TRACK-NOSE ROLLER OUTBD TRACK			
		WHEN EXHAUSTED USE 2322512-013	1		
	2322512-013	• TRACK-NOSE ROLLER OUTBD TRACK	1	L	
-22	2322512-008	• CAP-AFT	1		
-23	AN4-34A	• BOLT	3		
-24	AN960-416	• WASHER	3		
-25	MS20365-428	• NUT	3		
-26	2322512-009	• CAP-FORWARD	1		
-27	AN4-30A	• BOLT	1		
CONTINUED					
A---ATTACHING PARTS					

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
6 -28 -29 -30 -31	AN960-416 MS20365-428 2322513-002 2322513-002	<ul style="list-style-type: none"> <li>• WASHER -----</li> <li>• NUT -----</li> <li>• BUTTON INBOARD SIDE -----</li> <li>• BUTTON OUTBOARD SIDE -----</li> </ul>	1 1 2 2		
		<p>* 2322513-001 MAY BE USED IN LIEU OF 2322513-002 ON INBOARD SIDE OF OUTBOARD TRACK SUPPORT ASSEMBLY</p>			
		<p>NOTE 1 2322511-015 &amp; -017 ARE REPLACEABLE AS A MATCHED SET ONLY</p> <p>NOTE 2 2322511-023 &amp; -025 ARE REPLACEABLE AS A MATCHED SET ONLY</p> <p>NOTE 3 2322511-016 &amp; -018 ARE REPLACEABLE AS A MATCHED SET ONLY</p> <p>NOTE 4 2322511-024 &amp; -026 ARE REPLACEABLE AS A MATCHED SET ONLY</p> <p>NOTE 5 2322512-005 &amp; -003 ARE REPLACEABLE AS A MATCHED SET ONLY</p> <p>NOTE 6 2322512-006 &amp; -004 ARE REPLACEABLE AS A MATCHED SET ONLY</p> <p>NOTE 7 2322511-031 &amp; -029 ARE REPLACEABLE AS A MATCHED SET ONLY</p> <p>NOTE 8 2322511-030 &amp; -028 ARE REPLACEABLE AS A MATCHED SET ONLY</p> <p>NOTE 9 2322512-017 &amp; -015 ARE REPLACEABLE AS A MATCHED SET ONLY</p> <p>10 2322512-016 &amp; -014 ARE REPLACEABLE AS A MATCHED SET ONLY</p>			
		<p>A 003 THRU 024 EXCEPT A/C MOD PER ECR 233, ECR 277, ECR 381 OR ECR 392</p> <p>B 025 &amp; ON &amp; A/C MOD PER ECR 233, ECR 277, ECR 381 OR ECR 392</p> <p>C SPARE FOR 2322511-023</p> <p>D SPARE FOR 2322511-024</p> <p>E SPARE FOR 2322511-025</p> <p>F SPARE FOR 2322512-005</p> <p>G SPARE FOR 2322512-006</p> <p>H SPARE FOR 2322512-003</p> <p>J SPARE FOR 2322512-004</p> <p>K SPARE FOR 2322511-007</p> <p>L SPARE FOR 2322512-007</p> <p>M SPARE FOR 2322511-026</p>			
		A---ATTACHING PARTS			

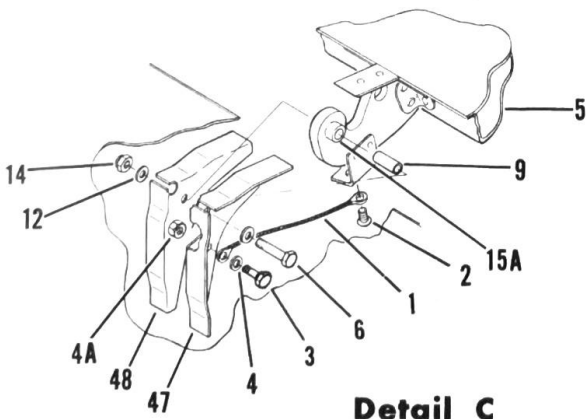
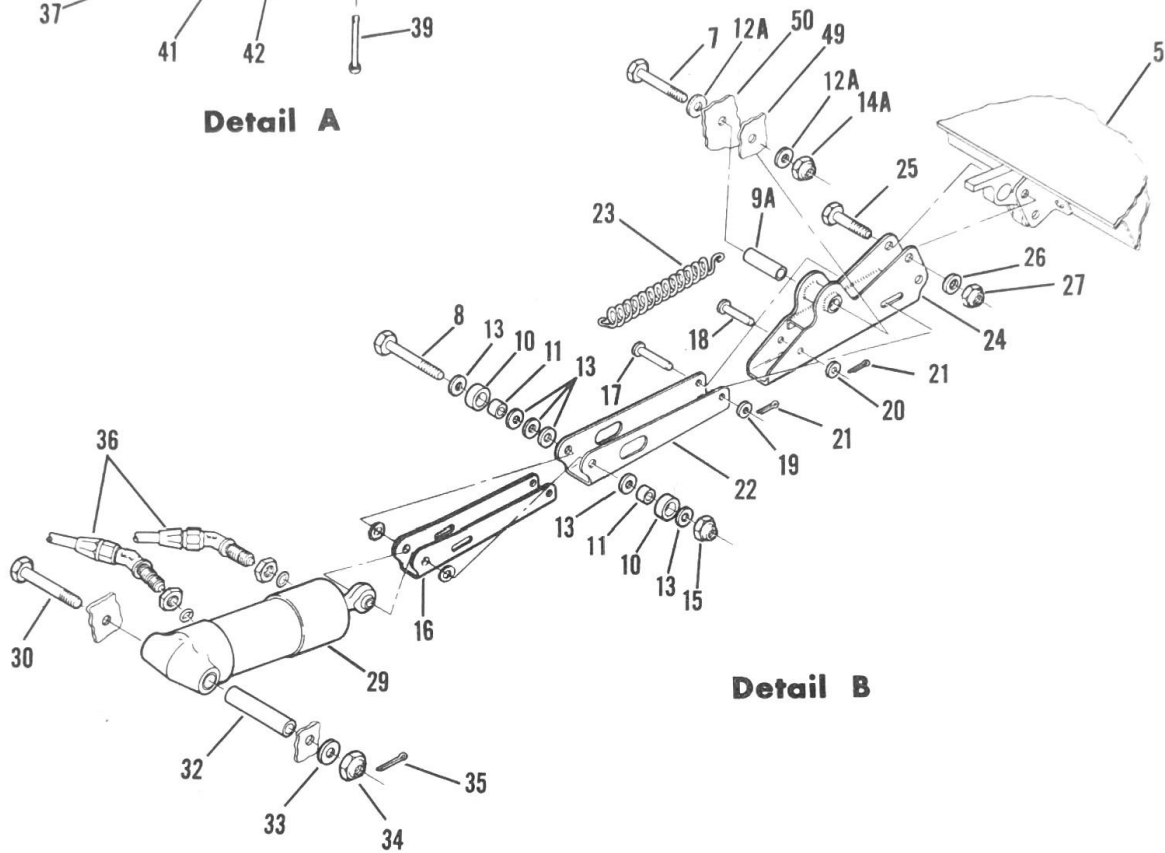




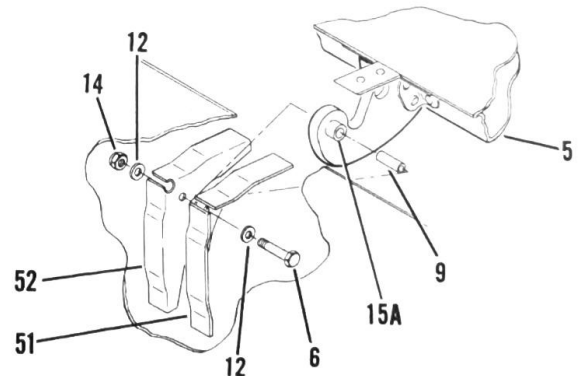
**Detail A**



**Detail B**



**Detail C**



**Detail D**

A8-2B  
B8-3C  
C8-3C  
D8-3C

Figure 7. Wing Spoiler Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
7 -		WING SPOILER INSTALLATION			
-1	MS25083-2884	. JUMPER-BOND -----	1		
-2	NAS221-5	A . SCREW -----	1		
-3	AN3-3A	A . BOLT -----	1		
-4	AN960-10L	A . WASHER -----	2		
-4A	AN363-1032	A . NUT -----	1		
-5	2322510-083	. SPOILER ASSY-LH FOR SPARES USE			
	2322510-095	2392410-001 SPECIAL SPARE -----	1	A	
	2322510-175	. SPOILER ASSY-LH FOR SPARES USE			
	2392410-001	2392410-001 SPECIAL SPARE -----	1	B	
	2322510-084	. SPOILER ASSY-LH FOR SPARES USE			
	2322510-096	2392410-001 SPECIAL SPARE -----	1	D	
	2322510-176	. SPOILER ASSY-RH SPECIAL SPARE -----	1	L	
	2392410-002	. SPOILER ASSY-RH FOR SPARES USE			
	AN4-13A	2392410-002 SPECIAL SPARE -----	1	A	
-5	AN4-14A	. SPOILER ASSY-RH -----	1	B	
-7	NAS464P5-17	A . BOLT -----	2	D	
-8	NAS464P4A23	A . BOLT -----	1	M	
-9	PB-814-14	A . BOLT -----	1	Q	
-9A	PB-814-14	A . BEARING -----	1	R	
	PB-1014-14	A . BEARING -----	1	Q	
-10	2322510-090	A . BEARING -----	1	R	
-11	2322510-091	A . ROLLER -----	2		
-12	AN960PD416	A . BUSHING -----	2		
-12A	AN960PD416	A . WASHER -----	4		
	AN960PD516	A . WASHER -----	2	Q	
-13	AN960-416L	A . WASHER -----	2	R	
-14	MS20365-428	A . WASHER -----	3		
-14A	MS20365-428	A . NUT -----	2		
	MS17825-5	A . NUT -----	1	Q	
	MS24665-134	A . NUT -----	1	R	
-15	MS20364-428	A . PIN-COTTER -----	1	R	
	2422510-001	A . NUT -----	1		
	2422510-002	. . SPOILER ASSY-LH FOR SPARES USE			
		2392410-001 SPECIAL SPARE -----	1	N	
		. . SPOILER ASSY-RH FOR SPARES USE			
		2392410-002 SPECIAL SPARE -----	1	P	
-15A	2322510-065	. . . SLEEVE -----	2		
-16	2322510-063	. CHANNEL ASSEMBLY -----	1		
	AN960-416	A . WASHER -----	2		
-17	MS20392-2C29	A . PIN-CLEVIS -----	1		
-18	MS20392-2C25	A . PIN-CLEVIS -----	1		
-19	AN960D10	A . WASHER -----	1		
-20	AN960D10L	A . WASHER -----	1		
-21	MS24665-130	A . PIN-COTTER -----	2		
-22	2322510-061	. CHANNEL -----	1		
-23	MS24586-146	. SPRING -----	1		
-24	2322510-058	. ARM ASSY-ACTUATOR -----	1		
-25	NAS464P4A11	A . BOLT -----	2		
-26	AN960-416L	A . WASHER -----	2		
-27	MS20364-428	A . NUT -----	2		
-29	SEE FIGURE 7A	. ACTUATOR ASSEMBLY-SPOILER -----	1		
-30	NAS464P4-36	A . BOLT -----	1		
-32	NAS75-4-200	A . BUSHING -----	1		
-33	AN960D416L	A . WASHER -----	AR		
-34	AN320-4	A . NUT -----	1		
-35	MS24665-7	A . PIN-COTTER -----	1		
-36	SEE FIGURE 94	. HOSE ASSY-SPOILER ACTUATOR -----	REF		
	SEE FIGURE 95	. HOSE ASSY-SPOILER ACTUATOR -----	REF		
-37	1CH1-6	. SWITCH-SPOILER EXTENDED IND -----	1	090	089
-38	2322516-084	. LEVER ASSEMBLY-SWITCH -----	1		
-39	MS20392-1C49	A . PIN-CLEVIS -----	2		
	AN960C6L	A . WASHER -----	1		
	MS24665-130	A . PIN-COTTER -----	1		
-40	MS20364-428	. NUT -----	1		
-41	NAS428-4-5	. BOLT -----	1		
-42	NAS43HT4-20	. SPACER -----	1		
-43	2322516-061	. TRACK-ROLLER OUTBOARD -----	1		
-44	AN3-5A	A . BOLT -----	1		
-45	2322516-062	. TRACK-ROLLER INBOARD -----	1		
-46	AN3-5A	A . BOLT -----	1		
	2322514-001	. SUPPORT BRACKETS INSTL-SPOILER LH & RH -----	1		
	2322514-007	. . BRACKET-HINGE OUTBOARD HINGE -----	2		
	2322514-002	FOR SPARES USE 2322514-007 -----	2	E	
		. . BRACKET-HINGE OUTBOARD HINGE -----			
		. . BRACKET-HINGE OUTBOARD HINGE -----			
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
7 -					
-49	2322514-008	FOR SPARES USE 2322514-008 -----	2		
	2322514-003	• • BRACKET-HINGE OUTBOARD HINGE -----	2	F	
		• • BRACKET-HINGE MIDDLE HINGE -----			
	2322514-009	FOR SPARES USE 2322514-009 -----	2	Q	
	2422514-001	• • BRACKET-HINGE MIDDLE HINGE -----	2	G	
-50	2322514-004	• • BRACKET-HINGE MIDDLE HINGE -----	2	R	
		• • BRACKET-HINGE MIDDLE HINGE -----			
	2322514-010	FOR SPARES USE 2322514-010 -----	2	Q	
	2422514-002	• • BRACKET-HINGE MIDDLE HINGE -----	2	H	
-51	2322514-005	• • BRACKET-HINGE MIDDLE HINGE -----	2	R	
		• • BRACKET-HINGE INBOARD HINGE -----			
	2322514-011	FOR SPARES USE 2322514-011 -----	2		
-52	2322514-006	• • BRACKET-HINGE INBOARD HINGE -----	2	J	
		• • BRACKET-HINGE INBOARD HINGE -----			
	2322514-012	FOR SPARES USE 2322514-012 -----	2		
		• • BRACKET-HINGE INBOARD HINGE -----	2	K	
	A	003 THRU 049 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 277, ECR 381, ECR 392 OR ECR 401			
	B	050 THRU 099 EXCEPT A/C MOD PER ECR 230, OR ECR 227			
	D	003 THRU 099 WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, ECR 392 OR ECR 401			
	E	SPARE FOR 2322514-001			
	F	SPARE FOR 2322514-002			
	G	SPARE FOR 2322514-003			
	H	SPARE FOR 2322514-004			
	J	SPARE FOR 2322514-005			
	K	SPARE FOR 2322514-006			
	L	SPARE FOR 2322510-083, -095 & -175			
	M	SPARE FOR 2322510-084, -096 & -176			
	N	COMPONENT OF 2392410-001			
	P	COMPONENT OF 2392410-002			
	Q	003 & ON EXCEPT A/C MOD PER AMK75-3			
	R	003 & ON WHEN MOD PER AMK75-3			
		A---ATTACHING PARTS			

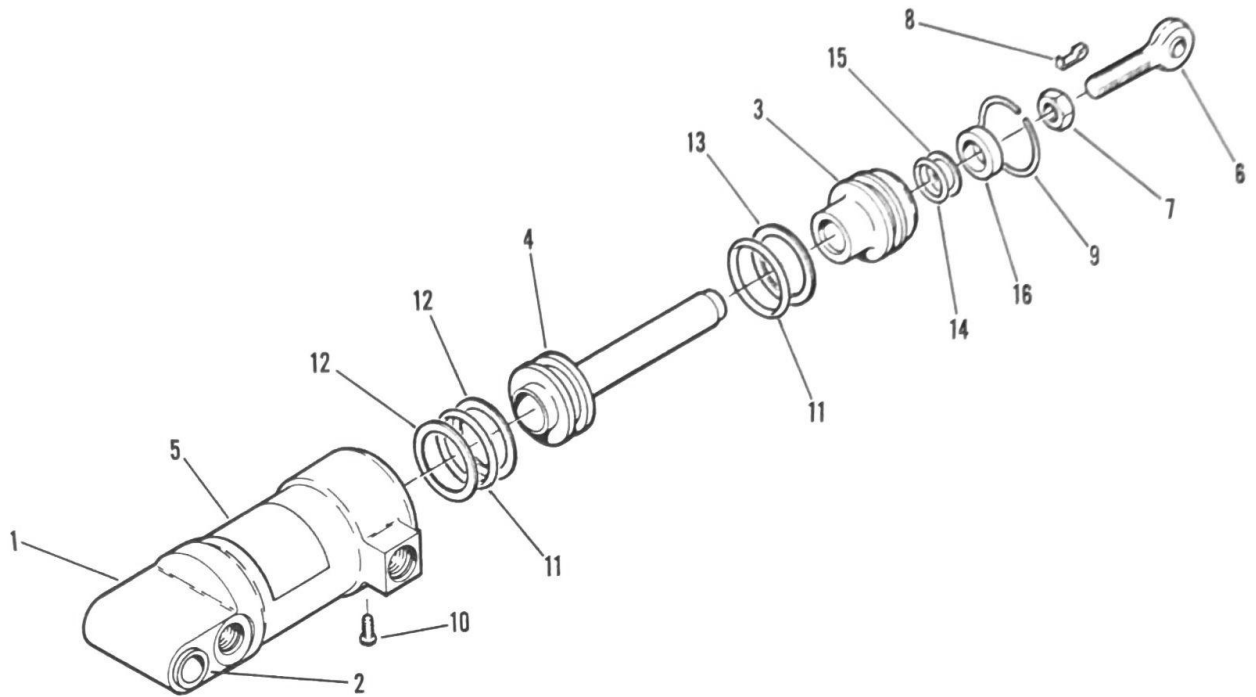


Figure 7A. Spoiler Actuator Assembly

11-23C

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
7A-		1 2 3 4 5 6 7			
	2380160-001	SPOILER ACTUATOR ASSEMBLY			
	6600022-002	• ACTUATOR ASSEMBLY-SPOILER SEE SPEC			
	LMC-H305	CONTROL DWG 6600022-002			
		• ACTUATOR ASSEMBLY-SPOILER USE			
		VENDOR ASSEMBLY NO LMC-H305			
		• ACTUATOR ASSEMBLY-SPOILER REF			
		SPEC CONTROL DWG 6600022-002			
-1	LMC-H305-1	• • BARREL ASSEMBLY	1		
-2	DBMF6-130	• • • BUSHING	1		
-3	LMC-H305-2	• • GLAND	2		
-4	LMC-H305-3	• • PISTON ROD	1		
-5	S-902	• • PLATE-IDENTIFICATION	1		
-6	DREMS-4	• • ROD END	1		
-7	NAS509-5	• • NUT	1		
-8	NAS559-1	• • LOCK	1		
-9	16008-4P	• • RING-LOCK	1		
-10	AN515-4R6	• • SCREW-GLAND RETAINER	1		
	2392251-001	• • KIT-SPOILER ACTUATOR REPAIR	1		
-11	MS28775-215	• • • PACKING-O RING	2		
-12	MS28782-20	• • • RING-BACK UP	2		
-13	8-215-N300-9	• • • RING-BACK UP	1		
-14	MS28775-112	• • • PACKING-O RING	1		
-15	MS28782-10	• • • RING-BACK UP	1		
-16	MS28932C-01-15	• • • WIPER-FELT	1		
		A---ATTACHING PARTS			

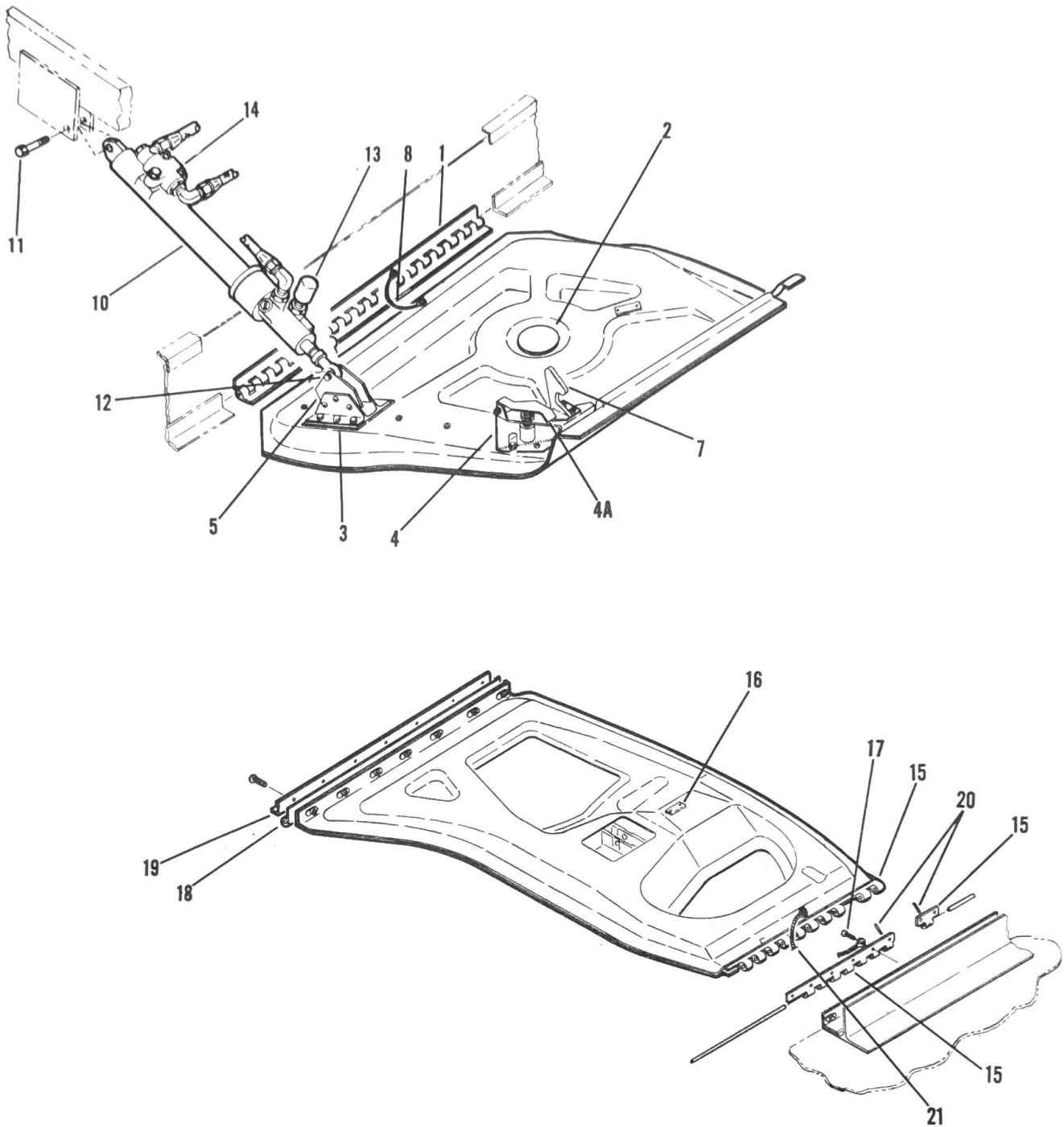


Figure 8. Main Landing Gear Door Installation

6-6C

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
8 -		MAIN LANDING GEAR DOOR INSTALLATION			
	2311620-003	. DOOR INSTALLATION-MAIN GEAR INBOARD -----	1		
		. . DOOR ASSEMBLY-MAIN GEAR INBD LH			
		FOR SPARES ORDER 2496200-001 DR			
		ASSY & 2391160-001 UPLOCK SW			
		BRACKET ASSY -----	1	H	
	2311620-480-3	. . DOOR ASSEMBLY-MAIN GEAR INBD LH			
		FOR SPARES ORDER 2496200-001 DR			
		ASSY & 2391160-001 UPLOCK SW			
		BRACKET ASSY -----	1	J	
	2311620-037	. . DOOR ASSEMBLY-MAIN GEAR INBD LH			
		FOR SPARES ORDER 2496200-001 DR			
		ASSY & 2391160-001 UPLOCK SW			
		BRACKET ASSY -----	1	B	
	2496200-001	. . DOOR ASSEMBLY-MAIN GEAR INBD LH			
		DRILL & TRIM ON INSTALLATION -----	1	A	
	2311620-004	. . DOOR ASSEMBLY-MAIN GEAR INBD RH			
		FOR SPARES ORDER 2496200-002 DR			
		ASSY & 2391160-002 UPLOCK SW			
		BRACKET ASSY -----	1	H	
	2311620-480-	. . DOOR ASSEMBLY-MAIN GEAR INBD RH			
		FOR SPARES ORDER 2496200-002 DR			
		ASSY & 2391160-002 UPLOCK SW			
		BRACKET ASSY -----	1	J	
	2311620-038	. . DOOR ASSEMBLY-MAIN GEAR INBD RH			
		FOR SPARES ORDER 2496200-002 DR			
		ASSY & 2391160-002 UPLOCK SW			
		BRACKET ASSY -----	1	B	
	2496200-002	. . DOOR ASSEMBLY-MAIN GEAR INBD RH			
		DRILL & TRIM ON INSTALLATION -----	1	P	
-1	SEE FIGURE 2	A . . HINGE-DOOR -----	REF		
-2	2311620-032	. . . STOPPER-NYLON -----	1		
	S-905	. . . PLATE-IDENTIFICATION -----	1		
-3	2327020-005	A . . . FITTING-ACTUATOR -----	1		
	AN173C5A	A . . . BOLT -----	5		
	2327022-001	A . . . WASHER -----	5		
-4	2391160-001	. . BRACKET & LEVER ASSEMBLY-UP LOCK			
		SWITCH LH -----	1		
	2391160-002	. . BRACKET & LEVER ASSEMBLY-UP LOCK			
		SWITCH RH -----	1		
	AN3-5A	A . . BOLT -----	5		
	AN960-10	A . . WASHER -----	5		
-4A	2311628-009	. . . LEVER ASSY-UP LOCK LH -----	1		
	2311628-010	. . . LEVER ASSY-UP LOCK RH -----	1		
	AN23-19	A . . . BOLT -----	1		
	AN960-10L	A . . . WASHER -----	2		
	AN320-3	A . . . NUT -----	1		
	MS24665-153	A . . . PIN-COTTER -----	1		
	2311628-007	A . . BUSHING -----	1		
-5	2327021-003	. . PLATE-ADJUSTABLE -----	2		
	NAS220-9	A . . SCREW -----	6		
	AN960D8	A . . WASHER -----	6		
	MS21042L08	A . . NUT -----	6		
-7	2348040-001	. . HOOK ASSY-DOOR UPLATCH LH -----	1		
	2348040-002	. . HOOK ASSY-DOOR UPLATCH RH -----	1		
	NAS221-8	A . . SCREW -----	4		
	AN960-10	A . . WASHER -----	4		
	MS20364-1032	A . . NUT -----	4		
-8	MS25083-2884	. . JUMPER-BONDING -----	1		
	AN515-8R8	A . . SCREW -----	2		
-10	6600018-003	. . ACTUATOR ASSEMBLY-MAIN GEAR DOOR			
		FOR SPARES ORDER 2397100-001 -----	1		
	2397100-001	. . ACTUATOR ASSEMBLY-MAIN GEAR DOOR -----	1	C	
	SEE FIGURE 8A	. . ACTUATOR ASSEMBLY-MAIN GEAR DOOR -----	1	M	
-11	AN174HC-12A	A . . BOLT -----	1	D	
-12	NAS464P4-14	A . . BOLT -----	1		
	AN960D416	A . . WASHER -----	2		
	AN960D416L	A . . WASHER -----	1		
	AN320-4	A . . NUT -----	1		
	MS24665-134	A . . PIN-COTTER -----	1		
	SEE FIGURE 8A	. . . ACTUATOR ASSEMBLY-MAIN GEAR DOOR -----	1		
	2397100-002	. . . PLUG ASSEMBLY-FILTER -----	1	N	
-13	1CH1-6	. . SWITCH-MAIN GEAR DOOR DOWN LIMIT -----	1	N	
-14	SEE FIGURE 92	. . VALVE INSTL-SHUTTLE -----	1	D	
		. DOOR INSTALLATION-MAIN GEAR OUTBOARD -----	REF		
	2322520-053	. . DOOR ASSY-MAIN GEAR OUTBOARD LH	1		
		FOR SPARES USE 2492252-001 -----			
	2492252-001	. . DOOR ASSY-MAIN GEAR OUTBOARD LH	1	F	
		TRIM ON INSTALLATION -----			
	2322520-071	. . DOOR ASSY-MAIN GEAR OUTBOARD LH	1	Q	
		FOR SPARES USE 2492252-009 -----			
		CONTINUED	1	G	
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
8 -	2492252-009	. . DOOR ASSY-MAIN GEAR OUTBOARD LH -----	1	R	
	2322520-054	. . DOOR ASSY-MAIN GEAR OUTBOARD RH ----- FOR SPARES USE 2492252-002	1	F	
	2492252-002	. . DOOR ASSY-MAIN GEAR OUTBOARD RH ----- TRIM ON INSTALLATION	1	S	
	2322520-072	. . DOOR ASSY-MAIN GEAR OUTBOARD RH ----- FOR SPARES USE 2492252-010	1	G	
	2492252-010	. . DOOR ASSY-MAIN GEAR OUTBOARD RH -----	1	T	
-14A	NAS221-8	A . . SCREW -----	8		
-15	2492253-001	. . . HINGE ASSY-MAIN GEAR DOOR LH -----	1		
	2492253-002	. . . HINGE ASSY-MAIN GEAR DOOR RH -----	1		
-16	NAS561P2-5	. . . PIN-SPRING -----	2		
-18	2322520-081	. . . SEAL-DOOR JOINT -----	1		
-19	2322520-082	. . . RETAINER-SEAL -----	1		
	NAS221-8	A . . SCREW -----	7		
-21	MS25083-2883	. . . JUMPER-BOND -----	1		
	AN525-10R11	A . . SCREW -----	1		
	MS20365-1032	A . . NUT -----	1		
		A SPARE FOR 2311620-003, 2311620-480-3 & 2311620-037			
		B 003 THRU 039 WHEN MOD PER ECR 233, ECR 277, ECR 381, ECR 392, ECR 401 & 060 & ON EXCEPT 065A			
		C 003 THRU 079 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, ECR 392 OR ECR 401			
		D 080 & ON & A/C 003 THRU 079 WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, ECR 392 OR ECR 401			
		F 003 THRU 039 EXCEPT A/C MOD PER ECR 233, ECR 277, ECR 381, ECR 392 OR ECR 401			
		G 040 & ON & A/C 003 THRU 039 WHEN MOD PER ECR 233, ECR 277, ECR 381, ECR 392 OR ECR 401			
		H 003 THRU 033 EXCEPT A/C MOD PER ECR 233, ECR 277, ECR 381 OR ECR 392			
		J 034 THRU 059 & 065A EXCEPT A/C 034 THRU 039 WHEN MOD PER ECR 233, ECR 277, ECR 381, ECR 392 OR ECR 401			
		M SPARE FOR 6600018-003 ACTUATOR ASSY USED WHEN 2397100-1 ACTUATOR ASSY IS INSTALLED ON A/C 23-003 THRU 079 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, ECR 392 OR ECR 401			
		P SPARE FOR 2311620-004, 2311620-480-4 & 2311620-038			
		Q SPARE FOR 2322520-053			
		R SPARE FOR 2322520-071			
		S SPARE FOR 2322520-054			
		T SPARE FOR 2322520-072			
		A---ATTACHING PARTS			



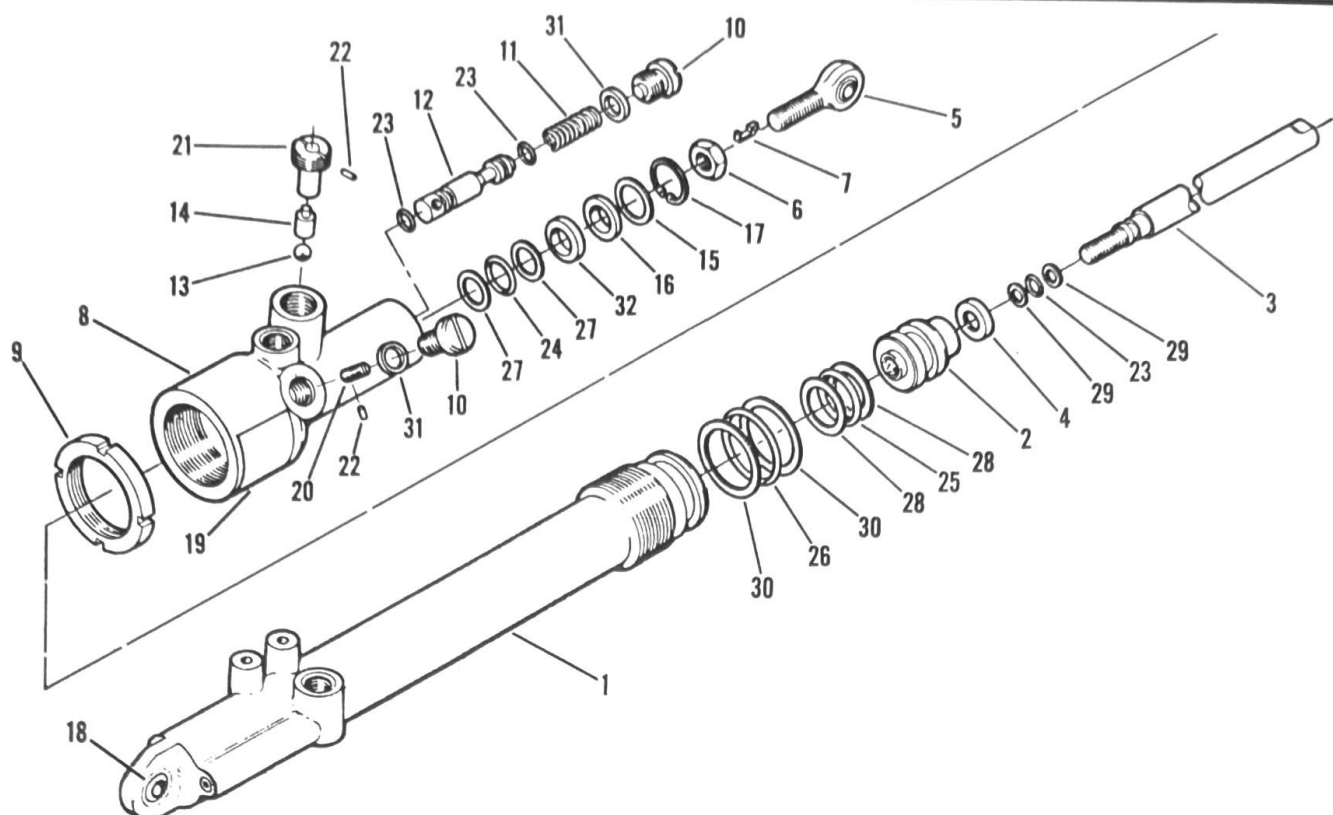


Figure 8A. Main Gear Door Actuator Assembly

11-25C

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				1 2 3 4 5 6 7	THRU
8A-	6600085-002	MAIN GEAR DOOR ACTUATOR ASSEMBLY			A
	48C48608-102	• ACTUATOR ASSEMBLY-MAIN GEAR DOOR USE VENDOR ASSY NO 48C48608-102			
-1	C48608-12	• • BODY-CYLINDER	1		A
-2	C48608-16	• • HEAD ASSEMBLY-PISTON	1		A
-3	C48608-17	• • ROD-PISTON	1		A
-4	C48608-28	• • SPACER-PISTON	1		A
-5	KBNE-4W	• • ROD END-BEARING	1		A
-6	REMS8ATC10	• • ROD END-BEARING ALT FOR KBNE-4W	1		A
-7	NAS509-5	• • NUT-LOCK	1		A
-8	NAS559-1	• • KEY-LOCK	1		A
-9	C48608-14	• • CAP-CYLINDER	1		A
-10	C48608-18	• • NUT-SPANNER	1		A
-11	C48608-24	• • PLUG	1		A
-12	C48608-26	• • SPRING-SWITCH ACTUATOR PISTON	2		A
-13	C48608-19	• • PISTON-SWITCH ACTUATOR	1		A
-14	MS134356	• • BALL-SWITCH ACTUATOR	1		A
-15	C48608-22	• • STEM-SWITCH ACTUATOR	1		A
-16	C48608-27	• • WASHER	1		A
-17	S11065-1	• • RING-SCRAPER	1		A
-18	MS16625-1090	• • RING-RETAINER	1		A
-19	LHBVV-4	• • BEARING	1		A
-20	LHBV-4	• • BEARING ALT FOR LHBVV-4	1		A
-21	C48608-25	• • PLATE-IDENTIFICATION	1		A
-22	AN535-00-2	• • SCREW-DRIVE	4		A
-23	C48608-21	• • PIN-ACTUATOR PISTON	1		A
-24	C48608-23	• • SLEEVE-ACTUATOR STEM	1		A
-25	RS602-4	• • INSERT	2		A
-26	2391162-002	• • KIT-REPAIR	1		A
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
8A-23	MS28775-010	. . . PACKING-O RING -----	3	8	
-24	MS28775-112	. . . PACKING-O RING -----	1	8	
-25	MS28775-210	. . . PACKING-O RING -----	1	8	
-26	MS28775-216	. . . PACKING-O RING -----	1	8	
-27	8-112-N300-9	. . . RING-BACK UP -----	2	8	
-28	MS28782-15	. . . RING-BACK UP -----	2	8	
-29	MS28782-5	. . . RING-BACK UP -----	2	8	
-30	MS28782-21	. . . RING-BACK UP -----	2	8	
-31	MS28788-5	. . . GASKET -----	2	8	
-32	MS28932C-02-02	. . . WIPER-FELT -----	1	8	
		A 080 & ON & A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, ECR 392 & ECR 401 & A/C EQUIPPED WITH 2397100-001 ACTUATOR ASSY			
		B COMPONENT OF 2391162-002 REPAIR KIT			
		A---ATTACHING PARTS			

LIMITED EFFECTIVITY Serial Code A

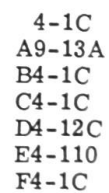


Figure 9. Wing Tip Tank Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
9 -		WING TIP TANK INSTALLATION LH -----	1	A	
-1	2323000-003	WING TIP TANK INSTALLATION RH -----	1	A	
	2323000-004	• STRAP-ACCESS UPPER LH -----	1	A	
-2	AN509-10R10	• STRAP-ACCESS UPPER RH -----	1	A	
	AN509-10R10	A • SCREW -----	1	A	
-3	AN509-416R11	A • SCREW -----	34	B	
-4	AN509-10R11	A • SCREW -----	40	C	
-5	AN509-10R11	A • SCREW -----	3	A	
-6	2323000-013	A • SCREW -----	2	A	
	2323000-014	• STRAP-ACCESS LOWER LH -----	37	A	
-7	NAS221-10	• STRAP-ACCESS LOWER RH -----	1	D	
-8	AN509-416R11	A • SCREW -----	1	D	
	NAS221-11	A • SCREW -----	40	D	
-9	AN509-10R11	A • SCREW -----	3	B	
	NAS221-11	A • SCREW -----	3	C	
-10	AN509-10R11	A • SCREW -----	2	B	
	NAS221-11	A • SCREW -----	2	C	
	2323001-017	• SCREW -----	37	E	
		• TANK ASSY LH FOR SPARES ORDER	37	F	
	2323001-019	2392000-001 KIT REF INDEX 100 -----	1	G	
		• TANK ASSY LH FOR SPARES ORDER			
	2392001-001	2392000-001 KIT REF INDEX 100 -----	1	H	
		• TANK ASSY LH COMPONENT OF			
	2323001-019	2392000-001 KIT -----	1	J	
		• TANK ASSY LH FOR SPARES ORDER			
	2392001-003	2392000-003 KIT REF INDEX 110 -----	1	K	
		• TANK ASSY LH COMPONENT OF			
	2323001-019	2392000-003 KIT -----	1	L	
		• TANK ASSY LH FOR SPARES ORDER			
	2392001-007	2392000-007 KIT REF INDEX 120 -----	1	M	
		• TANK ASSY LH COMPONENT OF			
	2323001-023	2392000-007 KIT -----	1	N	
		• TANK ASSY LH FOR SPARES ORDER			
	2392001-005	2392000-005 KIT REF INDEX 130 -----	1	P	
		• TANK ASSY LH COMPONENT OF			
	2323001-025	2392000-005 KIT -----	1	Q	
		• TANK ASSY LH FOR SPARES ORDER			
	2392001-009	2392000-009 KIT REF INDEX 140 -----	1	R	
		• TANK ASSY LH COMPONENT OF			
	2323001-029	2392000-009 KIT -----	1	S	
		• TANK ASSY LH FOR SPARES ORDER			
	2492000-003	2492000-001 KIT REF INDEX 150 -----	1	T	
		• TANK ASSY LH COMPONENT OF			
		2492000-001 KIT FOR SPARES			
		ORDER 2492000-001 KIT REF INDEX			
	2323001-018	150 -----	1	T	
		• TANK ASSY RH FOR SPARES ORDER			
	2323001-020	2392000-002 KIT REF INDEX 160 -----	1	G	
		• TANK ASSY RH FOR SPARES ORDER			
	2392001-002	2392000-002 KIT REF INDEX 160 -----	1	H	
		• TANK ASSY RH COMPONENT OF			
	2323001-020	2392000-002 KIT -----	1	J	
		• TANK ASSY RH FOR SPARES ORDER			
	2392001-004	2392000-004 KIT REF INDEX 170 -----	1	K	
		• TANK ASSY RH COMPONENT OF			
	2323001-019	2392000-004 KIT -----	1	L	
		• TANK ASSY RH FOR SPARES ORDER			
	2392001-008	2392000-008 KIT REF INDEX 180 -----	1	M	
		• TANK ASSY RH COMPONENT OF			
	2323001-023	2392000-008 KIT -----	1	N	
		• TANK ASSY RH FOR SPARES ORDER			
	2392001-006	2392000-006 KIT REF INDEX 190 -----	1	P	
		• TANK ASSY RH COMPONENT OF			
	2323001-026	2392000-006 KIT -----	1	Q	
		• TANK ASSY RH FOR SPARES ORDER			
	2392001-010	2392000-010 KIT REF INDEX 200 -----	1	R	
		• TANK ASSY RH COMPONENT OF			
	2323001-029	2392000-010 KIT -----	1	S	
		• TANK ASSY RH FOR SPARES ORDER			
	2492001-004	2492000-002 KIT REF INDEX 210 -----	1	T	
		• TANK ASSY RH COMPONENT OF			
		2492000-002 KIT FOR SPARES			
		ORDER 2492000-002 KIT REF INDEX			
		210 -----			
-11	NAS464P7A14	A • BOLT -----	1	T	
-12	NAS464P7A21	A • BOLT -----	1	A	
	AN960-716	A • WASHER -----	1	A	
	NA1-070	A • NUTPLATE -----	2	A	
	SEE FIGURE 9A	• ELECTRICAL CONDUIT INSTL-TIP TANK -----	2	A	
	SEE FIGURE 66	• TIP TANK PLUMBING & EQUIPMENT INSTL -----	1	A	
	SEE FIGURE 58	• TIP TANK PROBE INSTL -----	1	A	
		CONTINUED	REF	A	
		A---ATTACHING PARTS			

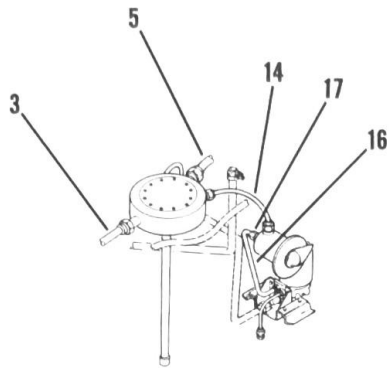
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
9 -	SEE FIGURE 151	• • NAVIGATION LIGHT INSTL TIP TANK -----	REF	A	
	SEE FIGURE 151	• • LANDING & TAXI LIGHT INSTL TIP TANK -----	REF	A	
	2323062-011	• • CAP ASSY-NOSE LH -----	1	U	
	2323062-037	• • CONE ASSY-NOSE LH -----	1	V	
	2323062-012	• • CAP ASSY-NOSE RH -----	1	U	
	2323062-038	• • CONE ASSY-NOSE RH -----	1	W	
	2323073-003	• • CONE ASSY-NOSE RH -----	1	T	
-13	AN509-10R5	A • • SCREW -----	AR	X	
-14	2323062-013	• • CAP-NOSE -----	1	U	
	2323062-035	• • CONE-NOSE -----	1	V	
	2323073-005	• • CONE-NOSE -----	1	T	
-15	2323062-029	• • LENS ASSY-NAV LIGHT LH RED -----	1	X	
	2323062-030	• • LENS ASSY-NAV LIGHT RH GREEN -----	1	X	
	2323062-032	• • RETAINER-LENS NAV LIGHT -----	2	X	
-16	2323062-014	• • RETAINER-TAXI LIGHT LH ONLY -----	1	Y	
	2323062-014	• • RETAINER-TAXI LIGHT RH ONLY -----	1	Z	
	AN509-10R5	A • • SCREW -----	4	Z	
	AN509-10R12	A • • SCREW -----	4	Z	
-17	2323063-001	• • LENS-TAXI LIGHT LH ONLY -----	1	Y	
	2323063-001	• • LENS-TAXI LIGHT RH ONLY -----	1	Z	
-18	2323061-001	• • TAILCONE ASSY -----	1	AA	
	2323064-001	• • TAILCONE ASSY -----	1	AB	
-19	AN509DD10R7	A • • SCREW -----	22	A	
-20	416-378	• • CAP & ADAPTER ASSY-FUEL FILLER -----	1	AC	
	416-378-1	• • CAP & ADAPTER ASSY-FUEL FILLER -----	1	AD	
	38384-1	• • CAP & ADAPTER ASSY-FUEL FILLER -----	1	AE	
	457-24	• • CAP & ADAPTER ASSY-FUEL FILLER -----	1	AE	
		ALTERNATE FOR 38384-1 -----	1	AE	
-21	AN509-416R8	A • • SCREW -----	12	AC	
	AN509-8R8	A • • SCREW -----	12	AD	
	2323010-005	• • ADAPTER-FUEL FILLER CAP -----	1	AC	
	416-379-1	• • ADAPTER-FUEL FILLER CAP -----	1	AD	
	C38382	• • ADAPTER-FUEL FILLER CAP -----	1	AG	
	457-23	• • ADAPTER-FUEL FILLER CAP -----	1	AH	
	416-50-0	• • CAP ASSY-FUEL FILLER -----	1	AJ	
	38339	• • CAP ASSY-FUEL FILLER -----	1	AK	
	457-2	• • CAP ASSY-FUEL FILLER -----	1	AL	
	MS29513-232	• • GASKET-O RING CAP SEAL -----	1	AM	
	MS29513-10	• • GASKET-O RING AXLE SEAL -----	1	AM	
	38283	• • GASKET-O RING CAP SEAL -----	1	AN	
	37622-015	• • GASKET-O RING AXLE SEAL -----	1	AN	
	457-27	• • GASKET-O RING CAP SEAL -----	1	AP	
	MS29513-10	• • GASKET-O RING AXLE SEAL -----	1	AP	
	38252-12	• • LANYARD-CAP -----	1	AN	
	452-16	• • LANYARD-CAP -----	1	AP	
-22	2323010-004	• • GASKET-CAP ADAPTER -----	1	AC	
	2323070-004	• • GASKET-CAP ADAPTER -----	1	AD	
	2323070-008	• • GASKET-CAP ADAPTER -----	1	AE	
-23	AN3117-1	• • RECEPTACLE-FUEL NOZZLE GROUNDING -----	1	AQ	
-24	750B-2	• • VALVE ASSY-TANK DRAIN -----	2	A	
	750C-9	• • VALVE ASSY-TANK DRAIN ALT FOR -----	2	A	
	MS29513-111	• • GASKET-O RING -----	2	A	
-25	2323041-009	• • DOORS INSTL-PLUMBING ACCESS -----	1	A	
-26	2323041-008	• • DOOR-ACCESS FUEL PUMP -----	1	AR	
-27	AN509-8R8	A • • GASKET-PUMP ACCESS DOOR -----	1	AR	
-27A	2323068-001	A • • SCREW -----	20	AR	
-27B	2323067-004	• • COVER-ACCESS FUEL PUMP -----	1	BB	
-27C	AN509-8R9	A • • GASKET-PUMP ACCESS COVER -----	1	BB	
-28	2323045-008	A • • SCREW -----	12	BB	
	2323045-012	• • DOOR-ACCESS -----	1	AS	
	2323045-021	• • DOOR-ACCESS -----	1	AT	
	2323045-018	A • • GASKET-ACCESS DOOR -----	1	AS	
	AN509-8R8	A • • GASKET-ACCESS DOOR -----	1	AT	
-29	2323043-002	A • • SCREW -----	12	A	
	2323010-004	• • DOOR-ACCESS -----	1	AU	
	AN509-8R8	A • • GASKET-ACCESS DOOR -----	1	AU	
-30	2323045-008	A • • SCREW -----	12	AU	
	2323045-012	• • DOOR-ACCESS -----	1	AS	
	2323045-021	• • DOOR-ACCESS -----	1	AT	
	2323045-018	A • • GASKET-ACCESS DOOR -----	1	AS	
	AN509-8R8	A • • GASKET-ACCESS DOOR -----	1	AT	
-31	2323049-021	A • • SCREW -----	12	A	
	2323049-022	• • DOOR-ACCESS -----	1	AV	
	2323069-023	• • DOOR-ACCESS -----	1	AW	
	2323049-013	• • DOOR-ACCESS -----	1	AT	
	AN509-8R8	A • • GASKET-ACCESS DOOR -----	1	A	
-32	2323045-008	A • • SCREW -----	12	A	
	2323045-012	• • DOOR-ACCESS -----	1	AS	
	2323045-021	• • DOOR-ACCESS -----	1	AT	
		A • • GASKET-ACCESS DOOR -----	1	AS	
		CONTINUED			
		A--ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
9 -	2323045-018	A . . . GASKET-ACCESS DOOR -----	1	AT	
	AN509-8R8	A . . . SCREW -----	12	A	
-33	2323045-008	. . . DOOR-ACCESS -----	1	AS	
	2323045-017	. . . DOOR-ACCESS -----	1	AT	
	2323045-021	. . . GASKET-ACCESS DOOR -----	1	AS	
	2323045-016	. . . GASKET-ACCESS DOOR -----	1	AT	
	AN509-8R8	A . . . SCREW -----	1	A	
-34	2323018-005	. . . COVER-FUEL DRAIN -----	1	AX	
	2323018-012	. . . COVER-FUEL DRAIN -----	1	AY	
	AN509-8R8	A . . . SCREW -----	8	AZ	
-35	2323006-006	. FLAPPER ASSY -----	2	A	
-36	AN520-10R10	. SCREW -----	2	A	
-37	AN960-8	. WASHER -----	2	A	
-38	MS20365-832	. NUT -----	2	A	
-39	6600084-008	. SEAL-BOOT WHEN EXHAUSTED USE 6600084-010 -----	1	A	
	6600084-010	. SEAL-BOOT -----	1	BC	
-40	2322371-010	. RING-RETAINER -----	2	AS	
	2322374-012	. RING-RETAINER -----	1	AT	
-41	AN3-6A	A . BOLT -----	4	A	
-42	AN960PD10	A . WASHER -----	4	A	
-43	AN737TW34	. CLAMP -----	1	A	
-44	6600084-007	. SEAL-BOOT WHEN EXHAUSTED USE 6600084-009 -----	1	A	
	6600084-009	. SEAL-BOOT -----	1	BD	
-45	2322371-008	. RING-RETAINER -----	3	A	
-46	AN3-6A	A . BOLT -----	6	A	
-47	AN960PD10	A . WASHER -----	6	A	
-48	AN737TW74	. CLAMP -----	3	A	
-49	2323044-001	. STRAKE ASSY-TIP TANK LH -----	1	AT	
	2323044-002	. STRAKE ASSY-TIP TANK RH -----	1	AT	
	AN509-8R7	. SCREW -----	3	AT	
-50	2423012-001	. SCUPPER-DRAIN -----	1	BA	
-100	2392000-001	. KIT-TIP TANK SPECIAL SPARE LH -----	1	J	
-110	2392000-003	. KIT-TIP TANK SPECIAL SPARE LH -----	1	L	
-120	2392000-007	. KIT-TIP TANK SPECIAL SPARE LH -----	1	N	
-130	2392000-005	. KIT-TIP TANK SPECIAL SPARE LH -----	1	Q	
-140	2392000-009	. KIT-TIP TANK SPECIAL SPARE LH -----	1	S	
-150	2492000-001	. KIT-TIP TANK SPECIAL SPARE LH -----	1	T	
-160	2392000-002	. KIT-TIP TANK SPECIAL SPARE RH -----	1	J	
-170	2392000-004	. KIT-TIP TANK SPECIAL SPARE RH -----	1	L	
-180	2392000-008	. KIT-TIP TANK SPECIAL SPARE RH -----	1	N	
-190	2392000-006	. KIT-TIP TANK SPECIAL SPARE RH -----	1	Q	
-200	2392000-010	. KIT-TIP TANK SPECIAL SPARE RH -----	1	S	
-210	2492000-002	. KIT-TIP TANK SPECIAL SPARE RH -----	1	T	
		A 003 & ON			
		B 003 THRU 029 EXCEPT A/C MOD PER ECR 233, ECR 277, ECR 381 OR ECR 392			
		C 030 & ON & A/C MOD PER ECR 233, ECR 277 ECR 381 OR ECR 392			
		D 040 & ON & A/C MOD PER ECR 233, ECR 277, ECR 381 OR ECR 401			
		E 003 THRU 029 & 066 & ON & 030 THRU 065A WHEN MOD PER ECR 233, ECR 230, OR ECR 401			
		F 030 THRU 065A EXCEPT A/C MOD PER ECR 233 ECR 230 OR ECR 401			
		G 003 THRU 009 WHEN TAXI LT & NAV LT ARE IN NOSE OF TANK & ELEC FUEL PUMP IS INSTLD EXCEPT A/C MOD PER AMK71-9			
		H 010 THRU 027 WHEN TAXI LT & NAV LT ARE IN NOSE OF TANK & ELEC FUEL PUMP IS INSTLD EXCEPT A/C MOD PER AMK71-9			
		J 003 THRU 027 WHEN MOD PER AMK71-9			
		K 028 THRU 051 WHEN NAV LT ONLY IS IN NOSE OF TANK & ELEC FUEL PUMP IS INSTLD EXCEPT A/C MOD PER AMK71-9			
		L 028 THRU 051 WHEN MOD PER AMK71-9 AND ELEC FUEL PUMP IS INSTLD			
		M 028 THRU 051 WHEN NAV LT ONLY IS IN NOSE OF TANK & EJECTOR FUEL PUMP IS INSTLD EXCEPT A/C MOD PER AMK71-9			
		N 028 THRU 051 WHEN NAV LT ONLY IS IN NOSE OF TANK & EJECTOR FUEL PUMP IS INSTLD & A/C ARE MOD PER AMK71-9			
		P 052 THRU 069 WHEN NAV LT IS IN SIDE OF TANK & ELEC FUEL PUMP IS INSTLD EXCEPT A/C MOD PER AMK71-9			
		Q 052 THRU 069 WHEN MOD PER AMK71-9			
		CONTINUED			
		A---ATTACHING PARTS			

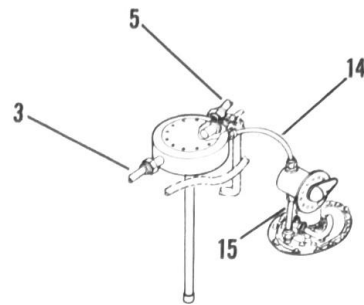


FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
9 -	R	070 & ON WHEN NAV LT IS IN SIDE OF TANK & ELEC FUEL PUMP IS INSTLD EXCEPT A/C MOD PER AMK71-9			
	S	070 & ON WHEN MOD PER AMK71-9			
	T	003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227 OR ECR 381			
	U	003 THRU 027 EXCEPT A/C MOD PER ECR 233, ECR 277, ECR 381, ECR 392 OR AMK71-9			
	V	028 THRU 051 & A/C MOD PER ECR 233, ECR 230, ECR 392 OR AMK71-9 EXCEPT A/C 050A			
	W	028 THRU 051 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 392, ECR 401 OR AMK71-9			
	X	003 THRU 051 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 277 OR ECR 401			
	Y	003 THRU 027 EXCEPT A/C MOD PER ECR 233, ECR 277, ECR 381 OR ECR 392			
	Z	003 THRU 027 & A/C 028 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, ECR 392, ECR 401 OR AMK71-9			
	AA	003 THRU 006 EXCEPT A/C MOD PER ECR 233, ECR 392 OR AMK71-9			
	AB	007 & ON & A/C MOD PER ECR 233, ECR 392 OR AMK71-9			
	AC	003 THRU 051 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 277, ECR 381, ECR 392, ECR 401 OR AMK71-9			
	AD	052 & ON & A/C MOD PER ECR 233, ECR 230, ECR 277, ECR 381, ECR 392, ECR 401 EXCEPT AMK71-9			
	AE	003 & ON WHEN MOD PER AMK71-9			
	AF	052 & ON & A/C MOD PER ECR 233, ECR 230, ECR 277, ECR 381, ECR 392, ECR 401 OR AMK71-9			
	AG	USED ON 38384-1			
	AH	USED ON 457-24			
	AJ	USED ON 416-378 & 416-378-1			
	AK	USED ON 38384-1			
	AL	USED ON 457-24			
	AM	USED ON 416-50-0			
	AN	USED ON 38339			
	AP	USED ON 457-2			
	AQ	080 & ON & A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, ECR 392 OR ECR 401			
	AR	003 THRU 016 EXCEPT A/C MOD PER ECR 233, ECR 277, ECR 392 OR AMK71-9			
	AS	003 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, ECR 392, ECR 401 OR AMK71-9			
	AT	003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, ECR 392, ECR 401 OR AMK71-9			
	AU	052 THRU 072 EXCEPT A/C MOD PER ECR 230, ECR 227 OR AMK71-9			
	AV	003 THRU 008 EXCEPT A/C MOD PER ECR 233 OR AMK71-9			
	AW	009 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, ECR 392, ECR 401 OR AMK71-9			
	AX	003 ONLY WHEN NOT MOD PER ECR 233, ECR 392 OR AMK71-9			
	AY	004 THRU 016 EXCEPT A/C MOD PER ECR 233, ECR 277, ECR 392 OR AMK71-9			
	AZ	003 THRU 016 EXCEPT A/C MOD PER ECR 233, ECR 277, ECR 392 OR AMK71-9			
	BA	003 & ON WHEN MOD PER AMK71-6			
	BB	017 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 381, ECR 392 OR ECR 401 & USED ON 003 THRU 016 WHEN MOD PER AMK71-9			
	BC	SPARE FOR 6600084-008			
	BD	SPARE FOR 6600084-007			
		A---ATTACHING PARTS			

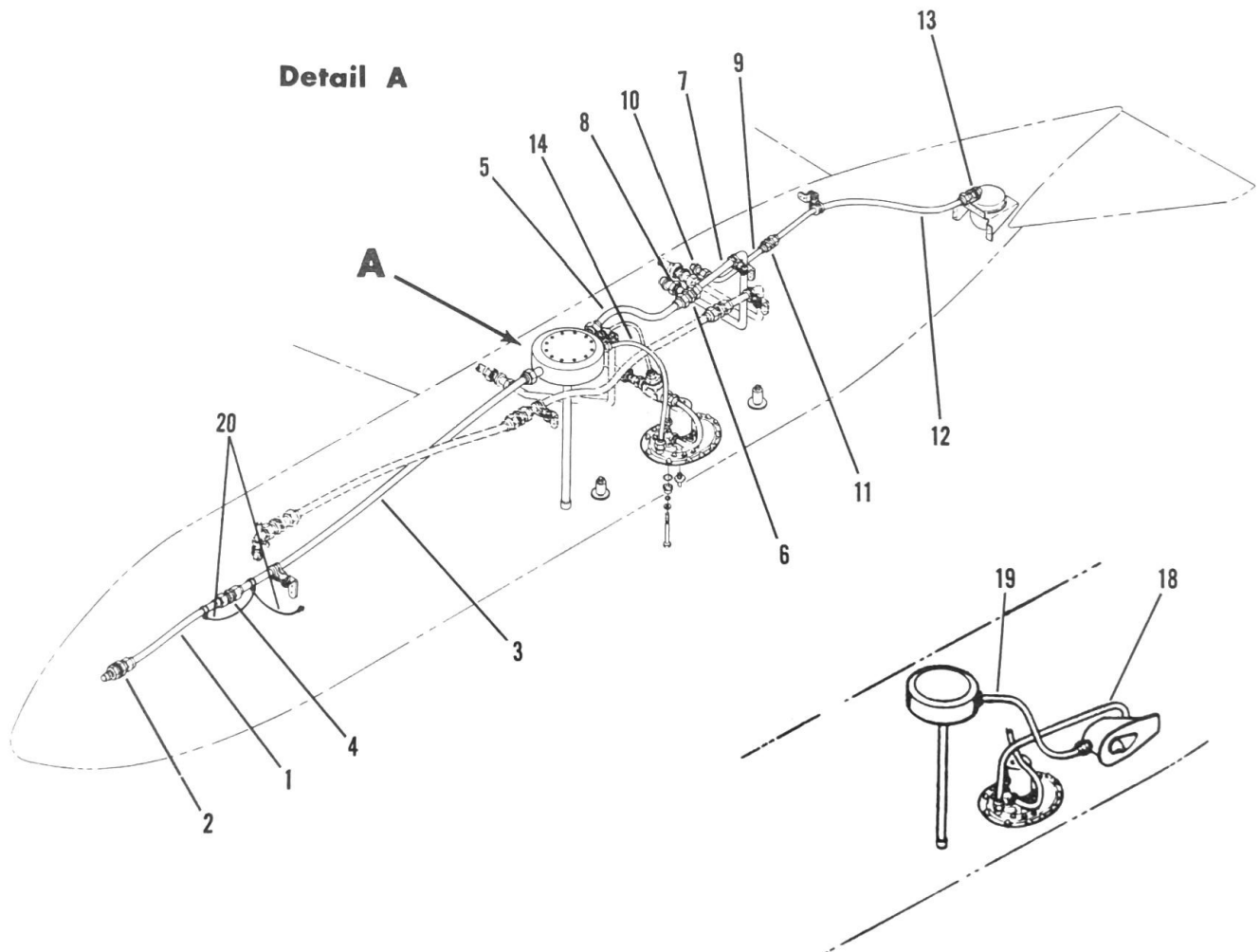




**Detail A**



**Detail A**



**Detail A**

Figure 9A. Electrical Conduit Installation (Tip Tank)

12-13D  
A12-13D  
A12-13D-1

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
9A-		TIP TANK ELECTRICAL CONDUIT INSTL LH			
		TIP TANK ELECTRICAL CONDUIT INSTL RH			
-1	2323046-021	. TUBE ASSEMBLY-TAXI LIGHT LH -----	1	A	
	2323046-021	. TUBE ASSEMBLY-TAXI LIGHT RH -----	1	D	
-2		. CONNECTING PARTS			
	AN832-10D	. . UNION -----	1		
	AN924-10D	. . NUT -----	1		
	AN960D1416	. . WASHER -----	2		
	MS29512-10	. . GASKET-O RING -----	2		
-3	2323046-023	. TUBE ASSEMBLY-TAXI LIGHT LH -----	1	A	
	2323046-023	. TUBE ASSEMBLY-TAXI LIGHT RH -----	1	D	
-4		. CONNECTING PARTS			
	AN815-10D	. . UNION -----	1		
-5	2323046-041	. TUBE ASSY-WING TO TIP TANK CONDUIT LH -----	1		
	2323046-043	. TUBE ASSY-WING TO TIP TANK CONDUIT RH -----	1		
-6		. CONNECTING PARTS			
	AN815-12D	. . UNION -----	1		
-7	2323046-059	. TUBE ASSY-WING TO TIP TANK CONDUIT LH -----	1		
	2323046-061	. TUBE ASSY-WING TO TIP TANK CONDUIT RH -----	1		
-8		. CONNECTING PARTS			
	2323046-004	. . FITTING -----	1	F	
	2323046-017	. . WASHER -----	2	F	
	MS29512-12	. . GASKET-O RING -----	2	F	
	AN924-12D	. . NUT -----	1	F	
-9	2323046-019	. TUBE ASSEMBLY-FLUX VALVE CONDUIT -----	1		
-10		. CONNECTING PARTS			
	2323046-003	. . FITTING -----	1	F	
	MS29512-8	. . GASKET-O RING -----	2	F	
	2323046-018	. . WASHER -----	2	F	
	AN924-8D	. . NUT -----	1	F	
-11	AN815-8D	. UNION -----	1		
-12	2323046-005	. TUBE ASSEMBLY-FLUX VALVE CONDUIT LH -----	1		
	2323046-007	. TUBE ASSEMBLY-FLUX VALVE CONDUIT RH -----	1		
-13		. CONNECTING PARTS			
	2323046-003	. . FITTING -----	1		
	AN960D1216	. . WASHER -----	2		
	MS29512-8	. . GASKET-O RING -----	2		
	AN924-8D	. . NUT -----	1		
-14	2323046-033	. TUBE ASSEMBLY-FUEL PUMP CONDUIT LH -----	1	G	
	2323046-035	. TUBE ASSEMBLY-FUEL PUMP CONDUIT RH -----	1	G	
	2323046-085	. TUBE ASSEMBLY-FUEL PUMP CONDUIT - LH -----	1	B	
	2323046-099	. TUBE ASSY-NAV LT & FUEL PUMP CONDUIT L -----	1	C	
	2323046-086	. TUBE ASSEMBLY-FUEL PUMP CONDUIT - RH -----	1	B	
	2323046-100	. TUBE ASSY-NAV LT & FUEL PUMP CONDUIT R -----	1	C	
-15	2323046-103	. TUBE ASSEMBLY-CONDUIT LH -----	1	E	
	2323046-104	. TUBE ASSEMBLY-CONDUIT RH -----	1	E	
-16	2323046-600-11	. TUBE ASSEMBLY-CONDUIT LH -----	1	H	
	2323046-600-13	. TUBE ASSEMBLY-CONDUIT RH -----	1	H	
-17	AN815-4D	. UNION -----	1	H	
	AN924-4D	. NUT -----	1	H	
-18	2388154-021	. TUBE ASSY-CONDUIT LH -----	1	J	
	2388154-022	. TUBE ASSY-CONDUIT RH -----	1	J	
-19	2388154-029	. TUBE ASSY-CONDUIT LH -----	1	J	
	2388154-030	. TUBE ASSY-CONDUIT RH -----	1	J	
-20	MS25083-2886	. JUMPER-BOND -----	AR		
	MS25083-2888	. JUMPER-BOND -----	AR		
	MS25083-28810	. JUMPER-BOND -----	AR		
		A 003 THRU 043 & 045 THRU 051 EXCEPT 050A			
		& EXCEPT A/C MOD PER ECR 233, ECR 230,			
		ECR 277, ECR 381, ECR 392 OR ECR 401			
		B 017 THRU 043 & 045 THRU 051 EXCEPT 050A			
		& EXCEPT A/C MOD PER ECR 233, ECR 230,			
		ECR 381, ECR 392 OR ECR 401 & USED ON			
		A/C 001 THRU 016 WHEN MOD PER AMK71-9			
		C 044, 050A & 052 & ON & A/C MOD PER ECR			
		233, ECR 230, ECR 277, ECR 381, ECR 392			
		& ECR 401 EXCEPT A/C MOD PER AMK71-9			
		D 003 THRU 043 & 045 THRU 051 & ON A/C MOD			
		PER ECR 230 OR ECR 227 EXCEPT 050A			
		E 044 & 052 THRU 069 EXCEPT A/C MOD PER			
		ECR 230, ECR 354 OR AMK71-9			
		F 003 THRU 009 EXCEPT A/C MOD PER ECR 233			
		ECR 392 OR AMK71-9			
		G 003 THRU 016 EXCEPT A/C MOD PER ECR 233			
		ECR 227, ECR 392 OR AMK71-9			
		H 050A & 070 & ON EXCEPT A/C MOD PER			
		ECR 227 ECR 354 OR AMK71-9			
		J 052 & ON WHEN MOD PER AMK71-9			
		A---ATTACHING PARTS			

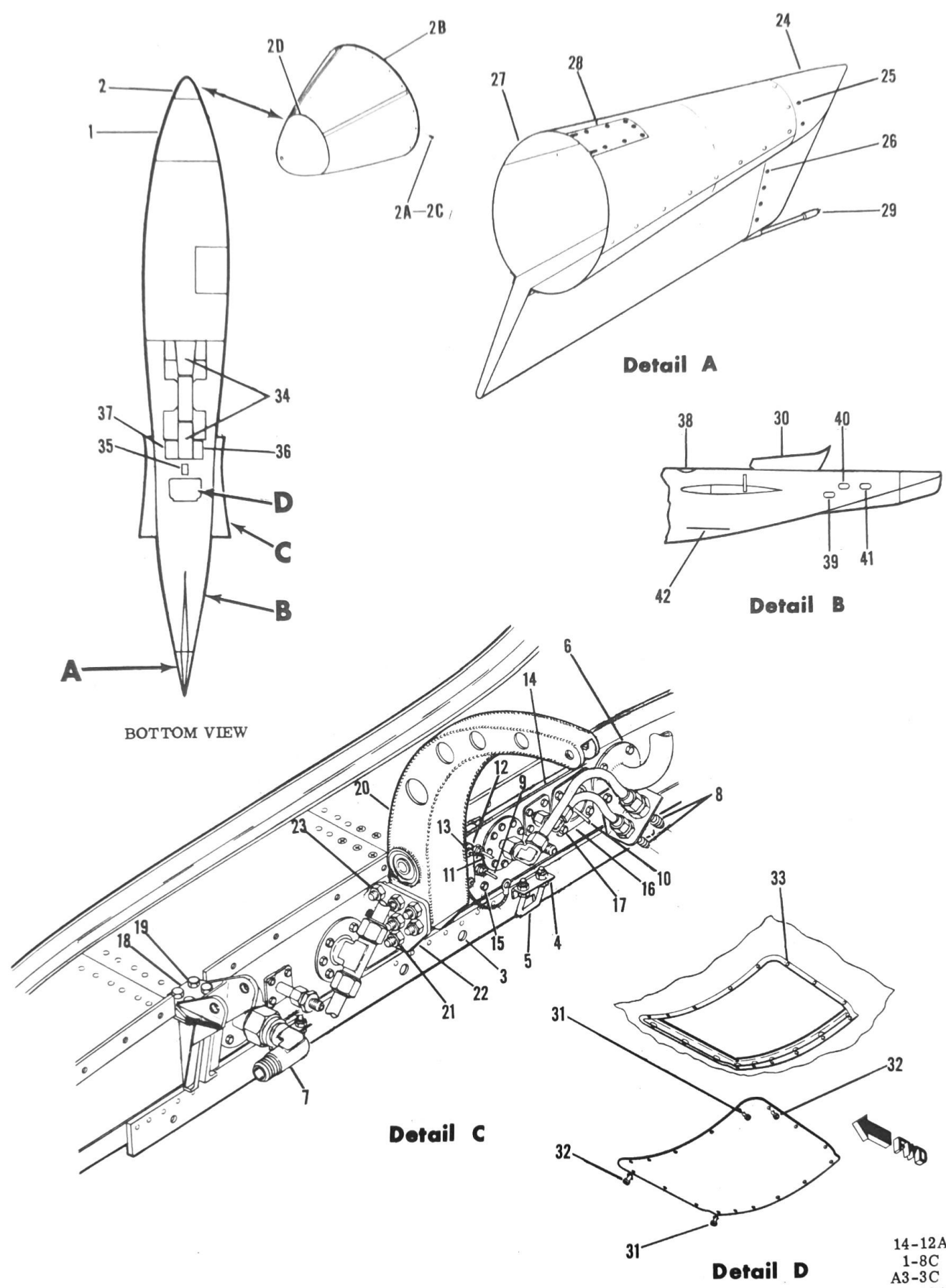


Figure 10. Fuselage Assembly

- 14-12A-2
- 1-8C
- A3-3C
- B14-12A-2
- C7-5C-1
- D3-5B

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
10 -		FUSELAGE ASSEMBLY			
-1	SEE FIGURE 11	• STRUCTURE ASSEMBLY-FUSELAGE NOSE -----	1		
-2	2311470-008	• NOSE CONE ASSY-FUSELAGE FOR SPARES ORDER 2391161-001 OR -002 SPECIAL SPARE KITS -----	1	AD	
	2311470-015	• NOSE CONE ASSY-FUSELAGE FOR SPARES ORDER 2391161-001 OR -002 SPECIAL SPARE KITS -----	1	AD	
	2311470-018	• NOSE CONE ASSY-FUSELAGE FOR SPARES ORDER 2391161-001 OR -002 SPECIAL SPARE KITS -----	1	AD	
	2311470-023	• NOSE CONE ASSY-FUSELAGE FOR SPARES ORDER 2391161-001 OR -002 SPECIAL SPARE KITS -----	1	AD	
	2311470-025	• NOSE CONE ASSY-FUSELAGE FOR SPARES ORDER 2391161-001 OR -002 SPECIAL SPARE KITS -----	1	AD	
-2A	AN509-8R8	A • SCREW -----	1	AE	
	NAS1169DD8L	A • WASHER -----	AR	AS	
	2391161-001	• KIT-FUSELAGE NOSE CONE RADOME SPECIAL SPARE -----	4	AS	
	2391161-002	• KIT-FUSELAGE NOSE CONE RADOME SPECIAL SPARE -----	1	AT	
-28	2391161-003	• NOSE CONE-FUSELAGE RADOME -----	1	AT	
-2C	AN509-8R8	A • SCREW -----	1	AU	
	NAS1169DD8L	A • WASHER -----	AR	AV	
-2D	3A1679	• SHOE-EROSION SHIELD 17 1/2 INCH -----	4	AV	
-3	244-16D	• RECEPTACLE-FASTENER -----	10	H	
	244-16D	• RECEPTACLE-FASTENER -----	16	J	
-4	2352025-003	• ANGLE-U-BOLT FASTENER -----	2	K	
	2352025-003	• ANGLE-U-BOLT FASTENER -----	4	L	
-5	2352025-005	• FASTENER-U BOLT -----	2	K	
	2352025-005	• FASTENER-U BOLT -----	4	L	
	MS20341-10S	A • NUT BOTTOM -----	AR	070	
	AN960C10	A • WASHER -----	AR	070	
	AN935-10	A • WASHER-LOCK -----	AR	K	
	MS20365-1032	A • NUT TOP -----	AR	070	
-6	SEE FIGURE 102	• TUBE ASSEMBLY-BLEED AIR -----	REF		
-7	SEE FIGURE 55				
	SEE FIGURE 56				
	SEE FIGURE 56A				
	SEE FIGURE 56B				
-8	SEE FIGURE 96	• FUEL SYSTEM COMPONENTS -----	REF	P	
	SEE FIGURE 97	• HYDRAULIC SYSTEM COMPONENTS -----	REF	Q	
-9	SEE FIGURE 53	• HYDRAULIC SYSTEM COMPONENTS -----	REF		
-10	SEE FIGURE 50	• EPR SYSTEM COMPONENTS -----	REF		
-11	SEE FIGURE 54	• ENGINE POWER CABLE ASSEMBLY -----	REF		
-12	2355104-001	• FIRE DETECTION SYSTEM COMPONENTS -----	REF		
	2355104-003	• GUIDE WIRE FEED THRU -----	4		
	2355104-002	• SEAL WIRE FEED THRU -----	4		
-13	AN3C4A	• COVER WIRE FEED THRU -----	4		
	AN960-10L	A • BOLT -----	4		
-14	2352000-028	A • WASHER -----	4		
	2352000-032	• PLATE-COVER -----	2	R	
	2352015-003	• PLATE-COVER -----	2	S	
	2352015-007	• PLATE ASSEMBLY-COVER LH -----	1	T	
	2352015-004	• PLATE ASSEMBLY-COVER LH -----	1	U	
	2352015-008	• PLATE ASSEMBLY-COVER RH -----	1	T	
-15	AN3C4A	• PLATE ASSEMBLY-COVER RH -----	1	U	
	AN960-10L	A • BOLT -----	8		
-16	2351037-001	A • WASHER -----	8		
	2351037-001	• GUIDE-THROTTLE CONTROL -----	2	V	
	MS21919H4	• GUIDE-THROTTLE CONTROL RH -----	1	W	
	2381055-009	• CLAMP-THROTTLE CONTROL RH -----	1	AG	
	2381055-010	• SUPPORT ASSY-FWD HALF RH -----	1	AH	
	2451015-001	• SUPPORT ASSY-AFT HALF RH -----	1	AH	
	2451020-004	• GUIDE ASSY-THROTTLE CONTROL RH -----	1	AL	
	2351045-001	• GUIDE ASSEMBLY-THROTTLE CONTROL RH -----	1	AR	
	2351045-007	• GUIDE ASSEMBLY-THROTTLE CONTROL LH -----	1	X	
	2351045-010	• GUIDE ASSEMBLY-THROTTLE CONTROL LH -----	1	Y	
	2451015-001	• GUIDE ASSEMBLY-THROTTLE CONTROL LH -----	1	AM	
	2481051-005	• GUIDE ASSY-THROTTLE CONTROL LH -----	1	AN	
	2351045-019	• GUIDE ASSEMBLY-THROTTLE CONTROL LH -----	1	AP	
-17	AN3-4A	• GUIDE ASSEMBLY-THROTTLE CONTROL LH -----	1	AQ	
	AN3C4A	A • BOLT -----	AR	AF	
	AN3C6A	A • BOLT -----	4	AP	
	AN960-10L	A • WASHER -----	AR	N	
-18	2351005-001	• FITTING-ENGINE SUPPORT LH -----	1		049
	2351005-003	• FITTING-ENGINE SUPPORT LH -----	1	050	
	2351005-002	• FITTING-ENGINE SUPPORT RH -----	1		049
	2351005-004	• FITTING-ENGINE SUPPORT RH -----	1	050	
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
10 -19	AN4-6A	A . BOLT -----	7		
	AN960-416	A . WASHER -----	7		
	MS21042-4	A . NUT -----	7		
	2351040-013	. SHIELD-FORWARD ENGINE MOUNT LH -----	1		
	2351040-014	. SHIELD-FORWARD ENGINE MOUNT RH -----	1		
	AN3-4A	A . BOLT -----	2		
	AN960-10L	A . WASHER -----	2		
-20	2351038-040	. YOKE ASSEMBLY-ENGINE -----	2		
	AN6H6A	A . BOLT -----	4		
-21	NAS464P5-6A	A . BOLT -----	20	AJ	
	NAS2905-5	A . BOLT IF BOLT HOLE EXCEEDS .3286 DIA USE NAS3005-5 BOLT -----	20	AK	
	NAS3005-5	A . BOLT USE WHEN DIA OF HOLE IS .3432 TO .3442 -----	20	AK	
	AN960C516	A . WASHER -----	20		
	MS20364-524C	A . NUT -----	20		
-22	2351038-009	. PLATE-SIDE ENGINE YOKE SUPPORT FWD -----	2		029
	2351038-013	. PLATE-SIDE ENGINE YOKE SUPPORT FWD -----	2	030	
	2351038-010	. PLATE-SIDE ENGINE YOKE SUPPORT AFT -----	2		029
	2351038-014	. PLATE-SIDE ENGINE YOKE SUPPORT AFT -----	2	030	
-23	AN174C7A	A . BOLT -----	32		029
	AN174-7A	A . BOLT -----	32	030	
	AN960C416	A . WASHER -----	32		029
	AN960-416	A . WASHER -----	32	030	
	AN363C428	A . NUT -----	32		029
	AN363-428	A . NUT -----	32	030	
	2312010-039	. STINGER INSTALLATION -----	1		039
	2312010-056	. . STINGER ASSEMBLY -----	1		
-24	2312010-044	. . STINGER ASSEMBLY -----	1	040	
	2312010-061	. . CAP-STINGER -----	1	D	
-25	AN509-8R8	A . . SCREW -----	4	E	
	AN509-8R8	A . . SCREW -----	6	F	
	AN509-8R6	A . . SCREW -----	12	G	
	AN509-8R5	A . . SCREW -----	2	E	
	AN509-8R4	A . . SCREW -----	2	E	
-26	AN509-8R5	A . . SCREW -----	10	D	
	NAS1169DD8L	A . . WASHER -----	16	F	
	NAS1169DD8L	A . . WASHER -----	18	G	
	NAS1169DD8L	A . . WASHER -----	18	E	
-27	2312010-037	. . COVER-ACCESS -----	1	AW	
	2312010-074	A . . COVER-ACCESS -----	1	AX	
-28	2312010-028	. . COVER-ACCESS -----	1		
	AN509-8R7	A . . SCREW -----	8		
-29	DAP14775-4	. . DISCHARGER-STATIC -----	1	A	
-30	2312020-026	. DUCT ASSEMBLY-DORSAL AIR INTAKE -----	1		031
	2312020-040	. DUCT ASSEMBLY-DORSAL AIR INTAKE -----	1	032	
		. DOORS INSTALLATION-FUSELAGE ACCESS -----	1		
	2312015-021	. . DOOR ASSEMBLY-TAILCONE ACCESS -----	1		
-31	2700-4	. . STUD -----	11		
-32	2700-6	. . STUD -----	6		
	27S5-1	. . WASHER -----	17		
-33	212-12N	. . RECEPTACLE -----	17		
-34	SEE FIGURE 2	. . DOORS INSTALLATION-KEEL BEAM -----	REF		
-35	2312017-016	. . COVER-ACCESS -----	1		
	AN509-8R7	A . . SCREW -----	AR		
-36	2312017-030	. . COVER-ACCESS -----	1	Z	
	2381246-007	. . COVER-ACCESS -----	1	AA	
	2312017-051	. . COVER-ACCESS LH -----	1	AB	
	2381246-009	. . COVER-ACCESS LH -----	1	AC	
-37	2312017-052	. . COVER-ACCESS RH -----	1	AB	
	2381246-008	. . COVER-ACCESS RH -----	1	AC	
	AN509-8R7	A . . SCREW -----	AR		
-38	2312000-077	. . DOOR-ACCESS FUEL CELL PROBE -----	1		
	AN509-8R7	A . . SCREW -----	AR		
-39	2312000-093	. . DOOR-ACCESS -----	1	B	
	2312000-117	. . DOOR-ACCESS -----	1	C	
	AN509-8R6	A . . SCREW -----	AR		
-40	2312000-094	. . DOOR-ACCESS -----	1	B	
	2312000-118	. . DOOR-ACCESS -----	1	C	
	AN509-8R6	A . . SCREW -----	AR		
-41	2312000-095	. . DOOR-ACCESS -----	1	B	
	2312000-116	. . DOOR-ACCESS -----	1	C	
	AN509-8R6	A . . SCREW -----	AR		
-42	2312021-020	. STRIP-GAP CLOSURE -----	2		
	MS20605AD3C-83C2	A . RIVET-BLIND -----	10		
		A 040 & ON & A/C MOD PER SK23-99			
		B 003 THRU 049 EXCEPT A/C MOD PER SK23-144			
		C 050 & ON & A/C MOD PER SK23-144			
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION							UNITS PER ASSY	USABLE ON	
		1	2	3	4	5	6	7		THRU	
10 -		D	003	THRU	060	EXCEPT	A/C	MOD PER SK23-142			
		E	061	&	ON	&	A/C	MOD PER SK23-142			
		F	003	THRU	016	EXCEPT	A/C	MOD PER SK23-142			
		G	017	THRU	060	EXCEPT	A/C	MOD PER SK23-142			
		H	003	THRU	069	EXCEPT	A/C	MOD PER ECR 233			
								OR ECR 230			
		J	003	THRU	069	WHEN	MOD PER ECR 233	OR			
								ECR 230			
		K	070	&	ON	EXCEPT	A/C	MOD PER ECR 227			
		L	070	&	ON	WHEN	MOD PER ECR 227				
		N	003	&	ON	WHEN	MOD PER ECR 233,	ECR 230			
								OR ECR 227			
		P	003	THRU	039	EXCEPT	A/C	MOD PER ECR 233			
		Q	040	&	ON	&	A/C	MOD PER ECR 233			
		R	003	THRU	012	EXCEPT	A/C	MOD PER ECR 233			
								OR ECR 392			
		S	013	THRU	029	EXCEPT	A/C	MOD PER ECR 233,			
								ECR 277, ECR 381 OR ECR 392			
		T	030	THRU	069	EXCEPT	A/C	MOD PER ECR 233,			
								ECR 230, ECR 392, ECR 401 OR ECR 354			
		U	003	THRU	069	WHEN	MOD PER ECR 392,	ECR			
								401 OR ECR 354 & 070 & ON EXCEPT A/C MOD			
								PER ECR 227			
		V	003	THRU	014	EXCEPT	A/C	MOD PER ECR 233			
								OR EQUIPPED WITH CONTROLEX THROTTLE			
								CONTROL CABLES			
		W	015	&	ON	EXCEPT	A/C	MOD PER ECR 233,			
								ECR 230 OR ECR 227 OR EQUIPPED WITH			
								CONTROLEX THROTTLE CONTROL CABLES			
		X	015	THRU	029	EXCEPT	A/C	MOD PER ECR 233			
								OR EQUIPPED WITH CONTROLEX THROTTLE			
								CONTROL CABLES			
		Y	030	&	ON	EXCEPT	A/C	MOD PER ECR 233,			
								ECR 230 OR ECR 227 OR EQUIPPED WITH			
								CONTROLEX THROTTLE CONTROL CABLES			
		Z	003	THRU	047	EXCEPT	A/C	MOD PER ECR 233			
								OR ECR 230			
		AA	003	THRU	047	WHEN	MOD PER ECR 233	OR			
								ECR 230, ECR 277, ECR 381, ECR 392 OR			
								ECR 401			
		AB	048	&	ON	EXCEPT	A/C	MOD PER ECR 230 OR			
								ECR 227			
		AC	048	&	ON	WHEN	MOD PER ECR 230	OR ECR 227			
		AD	003	&	ON	EXCEPT	A/C	EQUIPPED WITH			
								WINDSHIELD & RADOME ANTI-ICE SYSTEM OR			
								EXCEPT A/C THAT HAVE INSTALLED 2391161-			
								001 OR -002 SPECIAL SPARE KIT PER SSK911			
		AE	003	&	ON	WHEN	EQUIPPED WITH WINDSHIELD &	RADOME ANTI-ICE SYSTEM EXCEPT A/C THAT			
								HAVE INSTALLED 2391161-001 OR -002			
								SPECIAL SPARE KIT PER SSK911			
		AF	003	THRU	014	WHEN	EQUIPPED WITH				
								CONTROLEX THROTTLE CONTROL CABLES			
		AG	MOD	SEQ	1	THRU	8—SEE PAGE 1	EXCEPT A/C			
								MOD PER SK23/24-256 OR EQUIPPED WITH			
								CONTROLEX THROTTLE CONTROL CABLES			
		AH	MOD	SEQ	9	&	ON—SEE PAGE 1	& A/C MOD			
								PER SK23/24-256 EXCEPT A/C EQUIPPED			
								WITH CONTROLEX THROTTLE CONTROL CABLES			
		AJ	003	&	ON	EXCEPT	A/C	MOD PER SK23/24-268			
		AK	003	&	ON	WHEN	MOD PER SK23/24-268				
		AL	003	&	ON	WHEN	MOD PER SK23/24/25-317				
								EXCEPT A/C MOD PER AMK70-2 OR AAK71-6			
		AM	003	&	ON	WHEN	MOD PER ECR 233, ECR 230				
								OR ECR 227 EXCEPT A/C EQUIPPED WITH			
								CONTROLEX THROTTLE CONTROL CABLES			
		AN	003	THRU	014	WHEN	EQUIPPED WITH				
								CONTROLEX THROTTLE CONTROL CABLES EXCEPT			
								A/C MOD PER ECR 233			
		AP	015	&	ON	WHEN	EQUIPPED WITH CONTROLEX				
								THROTTLE CONTROL CABLES EXCEPT A/C MOD			
								PER ECR 233, ECR 230 OR ECR 227			
		AQ	003	&	ON	WHEN	MOD PER ECR 233, ECR 230				
								OR ECR 227 & EQUIPPED WITH CONTROLEX			
								THROTTLE CONTROL CABLES			
		AR	003	&	ON	WHEN	MOD PER AMK70-2 OR AAK71-6				
		AS	003	&	ON	EXCEPT	A/C	THAT HAVE INSTALLED			
								2391161-001 SPECIAL SPARE KIT PER SSK911			
		AT	003	&	ON	WHEN	2391161-001 OR -002				
								SPECIAL SPARE KIT IS INSTALLED PER			
								SSK911			

CONTINUED

A---ATTACHING PARTS



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION							UNITS PER ASSY	USABLE ON		
		1 2 3 4 5 6 7								THRU		
10 -		AU	COMPONENT OF 2391161-001 & -002 SPECIAL									
			SPARE KITS									
		AV	COMPONENT OF 2391161-001 SPECIAL SPARE									
			KIT									
		AW	003 & ON WHEN NPN827A11 BENDIX NAV									
			ANTENNA IS INSTALLED									
		AX	003 & ON WHEN DMN4-15 DORNE & MARGOLIN									
			ANTENNA IS INSTALLED									
		A---ATTACHING PARTS										



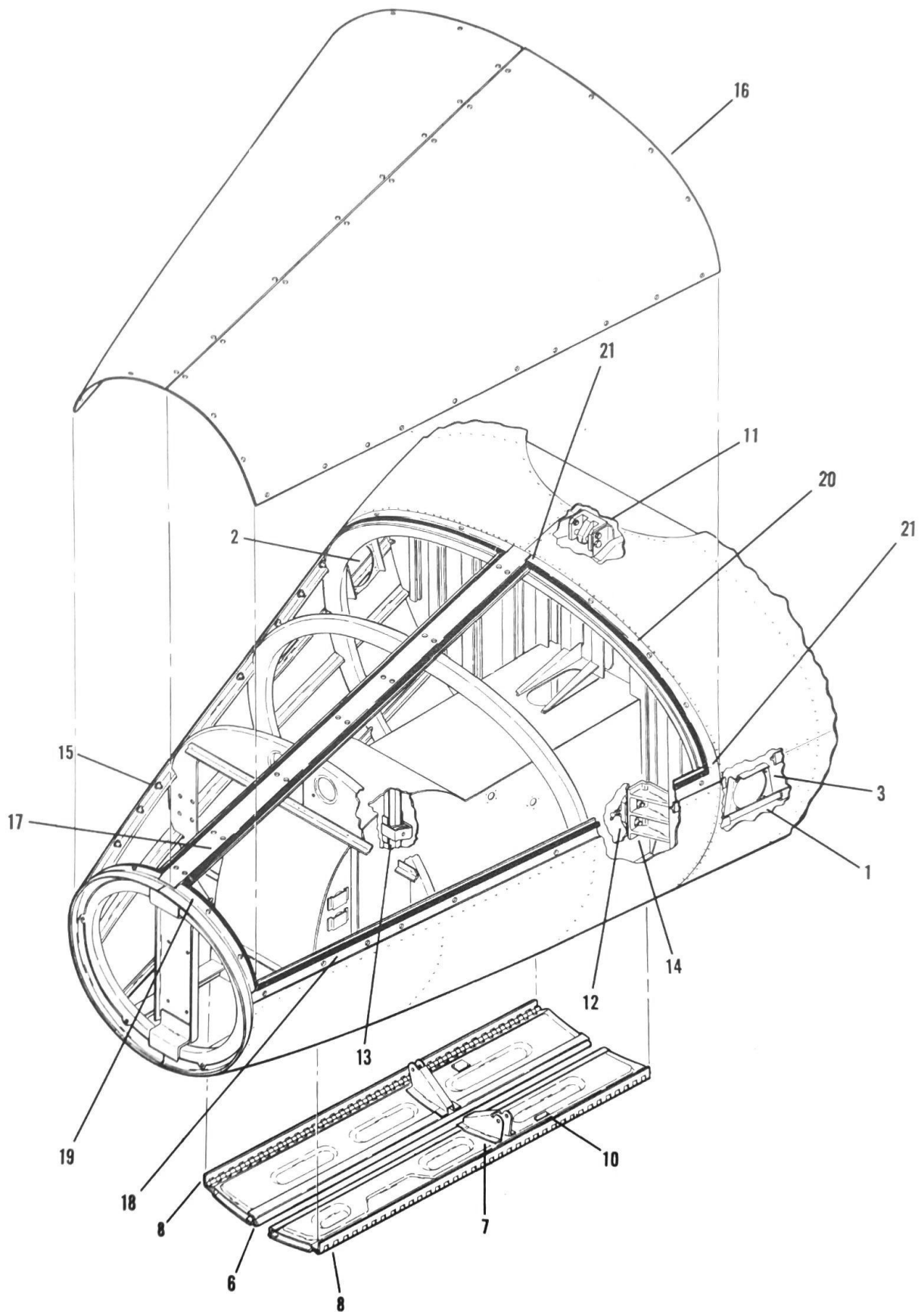


Figure 11. Nose Structure Assembly

1-5D

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
11 -		NOSE STRUCTURE ASSEMBLY			
-1	2310612-001	• DOUBLER-SUPPORT LH -----	1		
-2	2310612-002	• DOUBLER-SUPPORT RH -----	1		
-3	2310612-003	• BRACKET ASSEMBLY-SUPPORT -----	2		
	2310620-003	• DOOR ASSEMBLY-NOSE GEAR LH ----- FOR SPARES ORDER 2391062-001 -----	1		
	2391062-001	• DOOR ASSEMBLY-NOSE GEAR LH -----	1		
	2310620-004	• DOOR ASSEMBLY-NOSE GEAR RH ----- FOR SPARES ORDER 2391062-002 -----	1		
	2391062-002	• DOOR ASSEMBLY-NOSE GEAR RH -----	1		
	NAS464P4-12	A • BOLT -----	1		
	AN960-416	A • WASHER -----	1		
	AN320-4	A • NUT -----	1		
	NAS43DD4-6	A • SPACER -----	1		
-6	2310620-016	• • SEAL-RUBBER RH DOOR ONLY -----	2		
	2310620-013	A • • RETAINER-SEAL -----	1		
	AN531C6RF8	A • • SCREW -----	14		
-7	2310620-014	• • SUPPORT-DOOR ACTUATOR -----	1		
-8	2391062-003	• • HINGE ASSEMBLY -----	1		
	MS24665-3	A • • PIN-COTTER -----	2		
-10	S-905	• PLATE-IDENTIFICATION -----	1		
-11	2311579-001	• FITTING-NOSE WHEEL -----	1		
	NAS464P5LA7	A • BOLT -----	2		
	AN960-516L	A • WASHER -----	2		
	2310523-003	A • WASHER -----	2		
	MS20364-524	A • NUT -----	2		
-12	2311580-008	• BEARING ASSEMBLY-LH -----	1		
	2311580-007	• BEARING ASSEMBLY-RH -----	1		
	MS20006H12	A • BOLT -----	2		
	MS20004H6	A • BOLT -----	1		
	MS20002C6	A • WASHER -----	2		
	MS20002C4	A • WASHER -----	1		
	MS15006-3	• • FITTING -----	1		
	2311580-006	• • BEARING -----	1		
-13	2311250-090	• BRACKET -----	1		
-14	2311584-001	• STIFFENER-FRAME LH -----	1		029
	2311584-007	• STIFFENER-FRAME LH -----	1		
	2311584-002	• STIFFENER-FRAME RH -----	1	030	029
	2311584-008	• STIFFENER-FRAME RH -----	1	030	
-15	26R16-1	• RECEPTACLE-CAMLOC -----	48		
-16	2311450-027	• DOOR ASSEMBLY-ACCESS LH -----	1		
	2311450-028	• DOOR ASSEMBLY-ACCESS RH -----	1		
	2700-3S	• • STUD ASSEMBLY-CAMLOC -----	24		
	2600-SW2	• • WASHER-RETAINING CAMLOC -----	AR		
-17	2311450-057	• SEAL-LH DOOR TOP -----	1		
	2311450-056	• SEAL-RH DOOR TOP -----	1		
-18	2311450-055	• SEAL-LH DOOR BOTTOM -----	1		
	2311450-054	• SEAL-RH DOOR BOTTOM -----	1		
-19	2311450-053	• SEAL-LH DOOR FWD -----	1		
	2311450-052	• SEAL-RH DOOR FWD -----	1		
-20	2311450-051	• SEAL-LH DOOR AFT -----	1		
	2311450-050	• SEAL-RH DOOR AFT -----	1		
-21	2311450-058	• SEAL-CORNER -----	8		
A---ATTACHING PARTS					

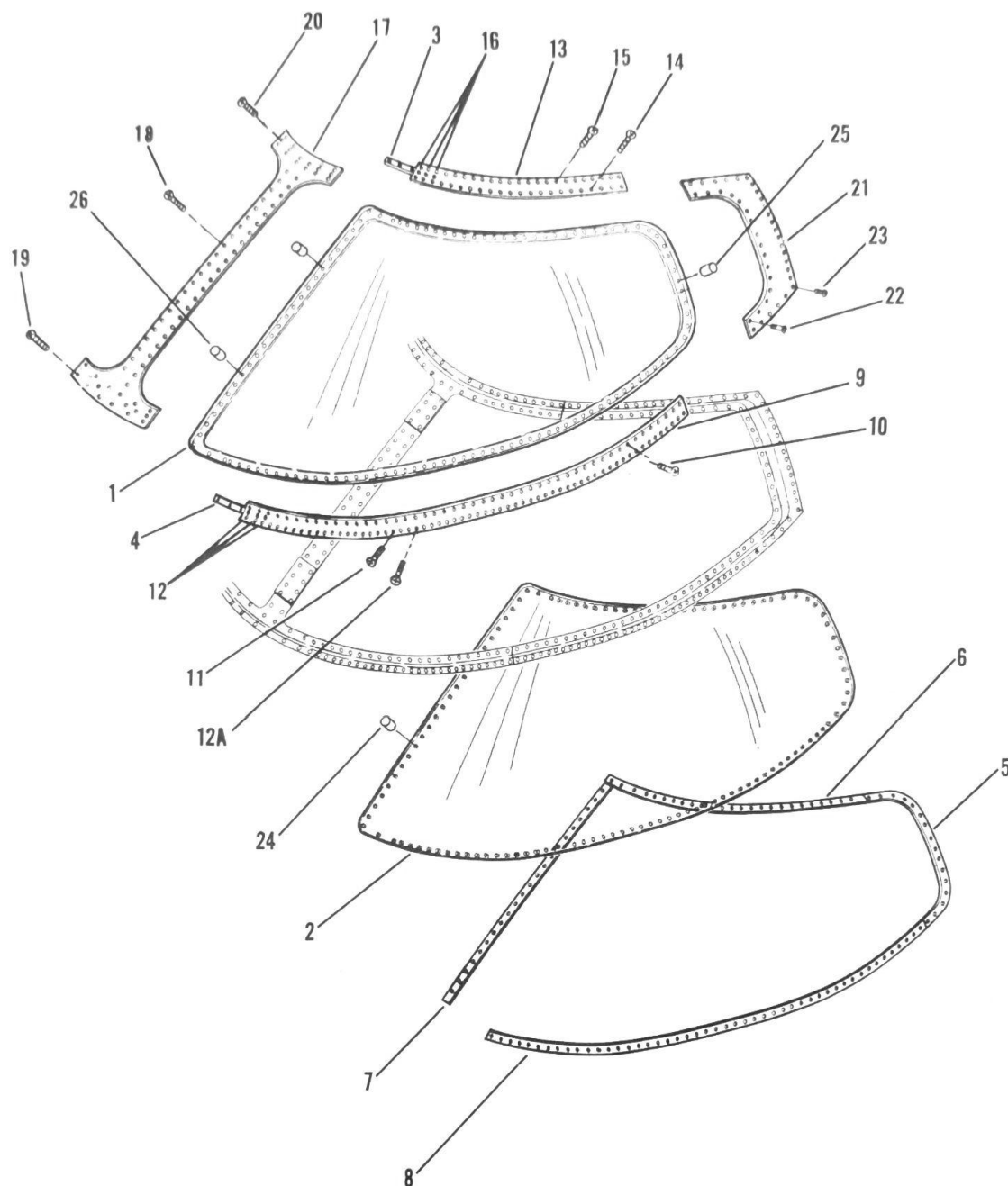
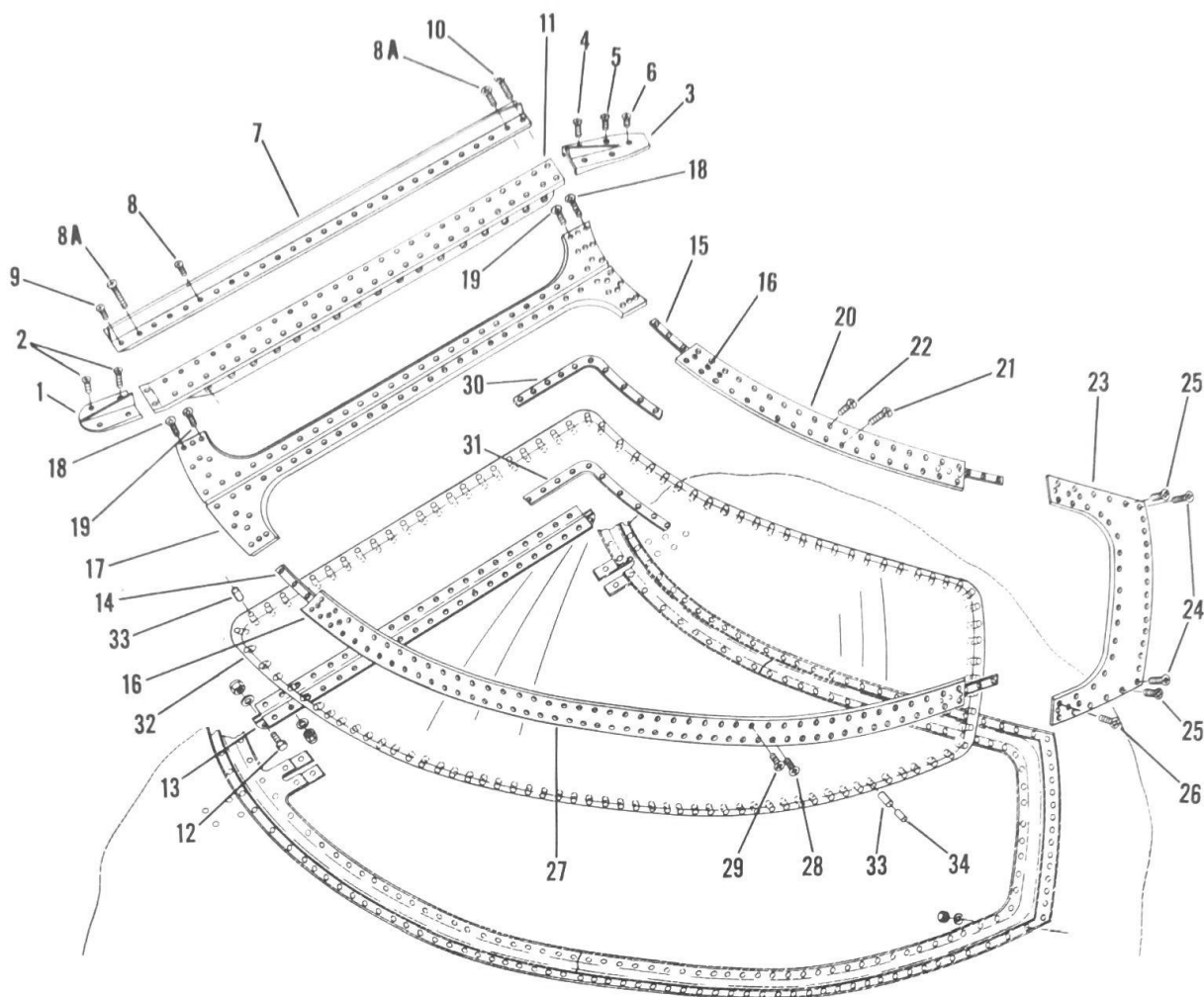


Figure 12. Windshield Installation

2-10D

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
12 -		WINDSHIELD INSTALLATION		A	
-1	2311260-037	• WINDSHIELD ASSY-OUTER LH DRILL & TRIM ON INSTALLATION -----	1	A	
	2311260-038	• WINDSHIELD ASSY-OUTER RH DRILL & TRIM ON INSTALLATION -----	1	A	
-2	2311260-042	• WINDSHIELD-INNER LH DRILL & TRIM ON INSTALLATION -----	1	A	
	2311260-043	• WINDSHIELD-INNER RH DRILL & TRIM ON INSTALLATION -----	1	A	
-3	2311260-021	• SPLICE-RETAINER UPPER LH -----	1	A	
	2311260-075	• SPLICE-RETAINER UPPER LH -----	1	B	
	2311260-045	• SPLICE-RETAINER UPPER RH -----	1	C	
	2311260-076	• SPLICE-RETAINER UPPER RH -----	1	B	
-4	2311260-016	• SPLICE-RETAINER LOWER LH -----	1	C	
	2311260-077	• SPLICE-RETAINER LOWER LH -----	1	B	
	2311260-044	• SPLICE-RETAINER LOWER RH -----	1	C	
	2311260-078	• SPLICE-RETAINER LOWER RH -----	1	B	
-5	2311260-065	• RETAINER-INNER AFT LH -----	1	C	
	2311260-066	• RETAINER-INNER AFT RH -----	1	A	
-6	2311260-067	• RETAINER-INNER UPPER LH -----	1	A	
	2311260-068	• RETAINER-INNER UPPER RH -----	1	A	
-7	2311260-069	• RETAINER-INNER CENTER LH -----	1	A	
	2311260-070	• RETAINER-INNER CENTER RH -----	1	A	
-8	2311260-071	• RETAINER-INNER LOWER LH -----	1	A	
	2311260-072	• RETAINER-INNER LOWER RH -----	1	A	
-9	2311260-017	• RETAINER-OUTER LOWER LH -----	1	A	
	2311260-018	• RETAINER-OUTER LOWER RH -----	1	A	
-10	NAS560HK3P16	A • SCREW -----	AR	A	
-11	NAS560HK3P4	A • SCREW -----	AR	A	
-12	NAS560HK2P00	A • SCREW -----	3	A	
	MS21209C0815	A • INSERT-HELICOIL -----	3	A	
	AN960D10	A • WASHER -----	AR	A	
	MS21043-3	A • NUT -----	AR	A	
	AN315C3R	A • NUT GLARE SHIELD ATTACHMENT -----	16	A	
-12A	AN509-10R16	A • SCREW -----	2	E	
	52-1650-02	A • NUT-FLUSH -----	1	D	
	52-1650-02	A • NUT-FLUSH -----	2	E	
-13	2311260-019	• RETAINER-OUTER UPPER LH -----	1	A	
	2311260-020	• RETAINER-OUTER UPPER RH -----	1	A	
-14	NAS560HK3P16	A • SCREW -----	24	A	
-15	NAS560HK3P4	A • SCREW -----	24	A	
-16	NAS560HK2P00	A • SCREW -----	3	A	
	AN960D10	A • WASHER -----	48	A	
	MS21043-3	A • NUT -----	48	A	
-17	2311260-024	• RETAINER-OUTER CENTER -----	1	A	
-18	NAS560HK3P16	A • SCREW -----	74	A	
-19	NAS560HK3P4	A • SCREW -----	12	A	
-20	NAS560HK2P00	A • SCREW -----	12	A	
	MS21209C0815	A • INSERT-HELICOIL -----	12	A	
	AN960D10	A • WASHER -----	86	A	
	MS21043-3	A • NUT -----	86	A	
-21	2311260-031	• RETAINER-OUTER AFT LH -----	1	A	
	2311260-036	• RETAINER-OUTER AFT RH -----	1	A	
-22	NAS560HK3P16	A • SCREW -----	19	A	
-23	NAS560HK3P4	A • SCREW -----	26	A	
	AN960D10	A • WASHER -----	45	A	
	MS21043-3	A • NUT -----	45	A	
-24	2311260-063	• INSERT-INNER GLASS ATTACHING HOLES -----	AR	A	
-25	2311260-039	• INSERT-OUTER GLASS ATTACHING HOLES -----	AR	A	
-26	2311260-064	• INSERT-OUTER GLASS ATTACHING HOLES IN UPR & LWR CENTER POST SPLICE AREAS -----	16	A	
		A 003 & ON EXCEPT A/C EQUIPPED WITH 300 KNOT WINDSHIELD			
		B 003 THRU 005 EXCEPT A/C EQUIPPED WITH 300 KNOT WINDSHIELD			
		C 006 & ON EXCEPT A/C EQUIPPED WITH 300 KNOT WINDSHIELD			
		D 029 THRU 085 EXCEPT A/C EQUIPPED WITH 300 KNOT WINDSHIELD OR MOD PER SK23-171			
		E 086 & ON WHEN MOD PER SK23-171 EXCEPT A/C EQUIPPED WITH 300 KNOT WINDSHIELD			
		A---ATTACHING PARTS			

LIMITED EFFECTIVITY Serial Code A



2-10D-1

Figure 12A. 300-Knot Windshield Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				1 2 3 4 5 6 7	THRU
12A-		300 KNOT WINDSHIELD INSTALLATION			
-1	2311259-001	• FITTING-CENTER POST LOWER	1		A
-2	AOL4200-08-3	A • SCREW	2		A
	AOL4200-08-8	A • SCREW	2		A
	AN960D10L	A • WASHER	4		A
	MS21043-2	A • NUT	4		A
-3	2311269-001	• FITTING-CENTER POST TOP	1		A
-4	AOL4200-3-8	A • SCREW	2		A
-5	AOL4200-3-6	A • SCREW	2		A
-6	AOL4200-3-4	A • SCREW	1		A
	AN960D10L	A • WASHER	5		A
	MS21043-3	A • NUT	5		A
-7	2311268-001	• POST-CENTER OUTER FOR SPARES USE 2311268-003	1		A
-8	2311268-003	• POST-CENTER OUTER	1		F
-8A	AOL4200-3-28	A • SCREW	40		A
-9	AOL4200-3-29	A • SCREW	10		A
-10	AOL4200-3-8	A • SCREW	2		A
	AOL4200-3-12	A • SCREW	2		A
	AN960D10L	A • WASHER	54		A
	MS21043-3	A • NUT	54		A
-11	2311268-002	• POST-CENTER INNER	1		A
-12	NAS1217-3C6	A • BOLT	22		A
	AN960D10	A • WASHER	22		A
	MS21043-3	A • NUT	22		A
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
12A-13	2311257-003	• ANGLE-CENTER POST LH WHEN EXHAUSTED USE 2311257-005 -----	1	A	
	2311257-005	• ANGLE-CENTER POST LH -----	1	D	
	2311257-004	• ANGLE-CENTER POST RH WHEN EXHAUSTED USE 2311257-006 -----	1	A	
	2311257-006	• ANGLE-CENTER POST RH -----	1	E	
-14	2311260-077	• RETAINER INSTL-OUTER MULTIPIECE -----	1	B	
	2311260-078	• • SPLICE-RETAINER BOTTOM INBOARD LH -----	1	B	
-15	2311260-075	• • SPLICE-RETAINER BOTTOM INBOARD RH -----	1	B	
	2311260-076	• • SPLICE-RETAINER TOP INBOARD LH -----	1	B	
-15A	2311260-022	• • SPLICE-RETAINER TOP INBOARD RH -----	1	B	
	2311260-046	• • SPLICE-RETAINER BOTTOM OUTBD LH -----	1	B	
-15B	2311260-023	• • SPLICE-RETAINER BOTTOM OUTBD RH -----	1	B	
	2311260-047	• • SPLICE-RETAINER TOP OUTBD LH -----	1	B	
-16	AOL4200-3-20	• • SPLICE-RETAINER TOP OUTBD RH -----	1	B	
	MS2109C0815	A • • SCREW -----	6	B	
-17	2311260-095	A • • INSERT-HELICOIL -----	6	B	
	2311260-096	+ • • RETAINER-CENTERPOST LH -----	1	B	
-18	AOL4200-3-4	+ • • RETAINER-CENTERPOST RH -----	1	B	
-19	AOL4200-3-20	A • • SCREW -----	4	B	
	AN960D10L	A • • SCREW -----	4	B	
	MS21043-3	A • • WASHER -----	8	B	
-20	2311260-089	A • • NUT -----	8	B	
	2311260-090	+ • • RETAINER-TOP LH -----	1	B	
-21	AOL4200-3-4	+ • • RETAINER-TOP RH -----	1	B	
-22	AOL4200-3-20	A • • SCREW -----	AR	B	
-23	2311260-091	A • • SCREW -----	AR	B	
	2311260-092	+ • • RETAINER-AFT LH -----	1	B	
-24	AOL4200-3-4	+ • • RETAINER-AFT RH -----	1	B	
	AOL4200-3-4	A • • SCREW LH ONLY -----	15	B	
	AN960D10L	A • • SCREW RH ONLY -----	15	B	
	MS21043-3	A • • WASHER RH ONLY -----	15	B	
-25	AOL4200-3-4	A • • NUT RH ONLY -----	15	B	
-26	AOL4200-3-20	A • • SCREW -----	AR	B	
	AN960D10L	A • • SCREW -----	AR	B	
	MS21043-3	A • • WASHER -----	AR	B	
-27	2311260-093	A • • NUT -----	AR	B	
	2311260-094	• • RETAINER-BOTTOM LH -----	1	B	
-28	AOL4200-3-5	• • RETAINER-BOTTOM RH -----	1	B	
	AOL4200-3-4	A • • SCREW -----	AR	B	
-29	AOL4200-3-20	• • SCREW -----	AR	B	
	AN960D10L	A • • SCREW -----	AR	B	
-30	2311260-111	A • • WASHER -----	AR	B	
-31	2311260-112	A • • NUT -----	AR	B	
-32	2311260-118	• • RETAINER-LH -----	1	C	
	2311260-119	* • • RETAINER-RH -----	1	C	
	2311260-125	• GASKET-OUTER -----	1	A	
	2311260-083	• GASKET-INNER -----	1	A	
	2311260-124	• WINDSHIELD-LH -----	1	A	
	2311260-124	• WINDSHIELD LH ALTERNATE -----	1	A	
	2311260-084	• WINDSHIELD-RH -----	1	A	
-33	2311260-120	• WINDSHIELD RH ALTERNATE -----	1	A	
-34	2311260-121	• INSERT -----	AR	A	
		• SPACER -----	AR	A	
		+ DRILL & TRIM ON INSTALLATION			
		* ATTACHING PARTS REQUIREMENT SAME AS MULTIPIECE INSTALLATION			
		A 003 & ON WHEN A/C IS EQUIPPED WITH 300 KNOT WINDSHIELD			
		B 003 & ON WHEN MULTI PIECE OUTER RETAINER IS INSTALLED & A/C IS EQUIPPED WITH 300 KNOT WINDSHIELD			
		C 003 & ON WHEN SINGLE OUTER RETAINER IS INSTALLED & A/C IS EQUIPPED WITH 300 KNOT WINDSHIELD			
		D SPARE FOR 2311257-003			
		E SPARE FOR 2311257-004			
		F SPARE FOR 2311268-001			
		A---ATTACHING PARTS			

LIMITED EFFECTIVITY Serial Code A



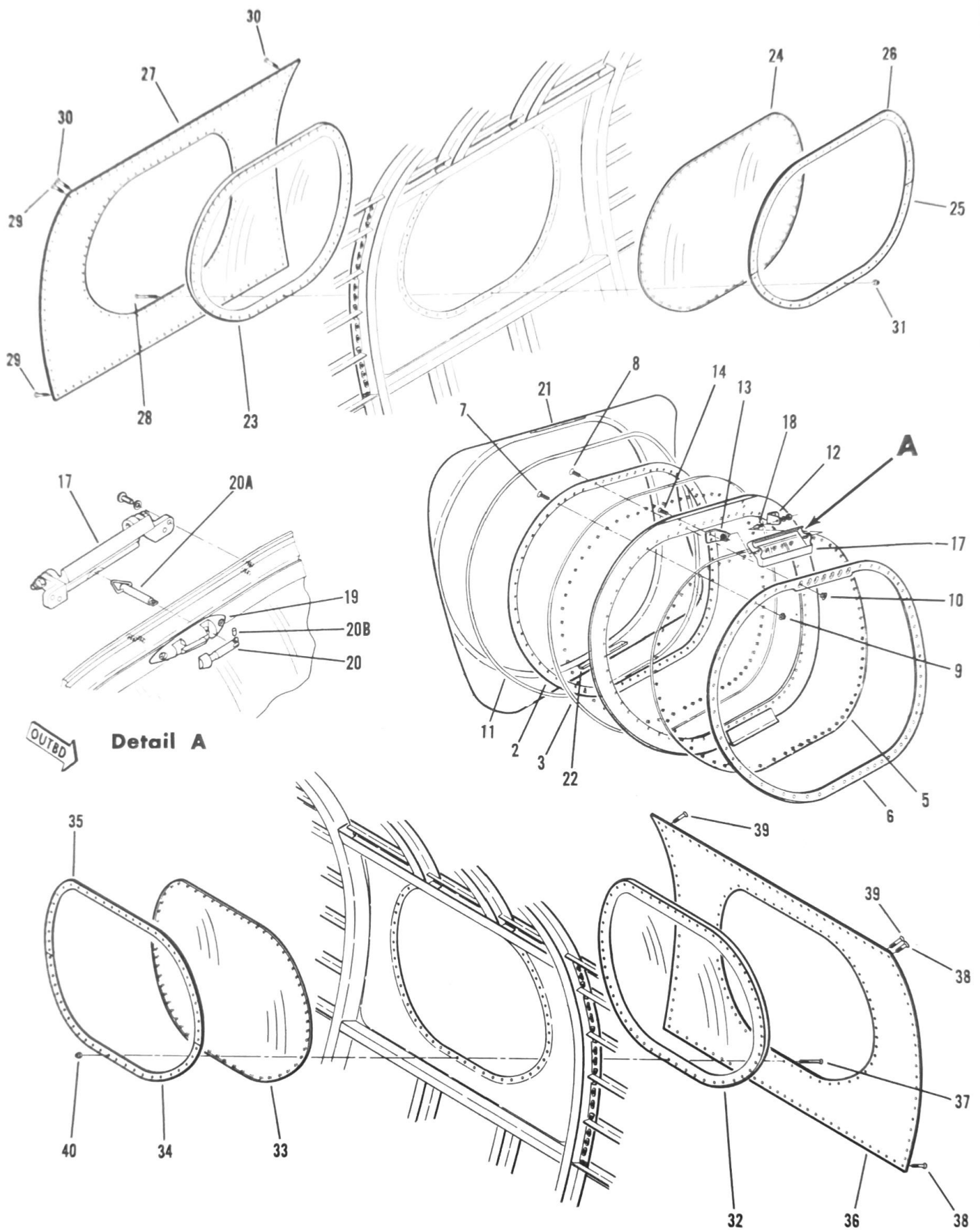
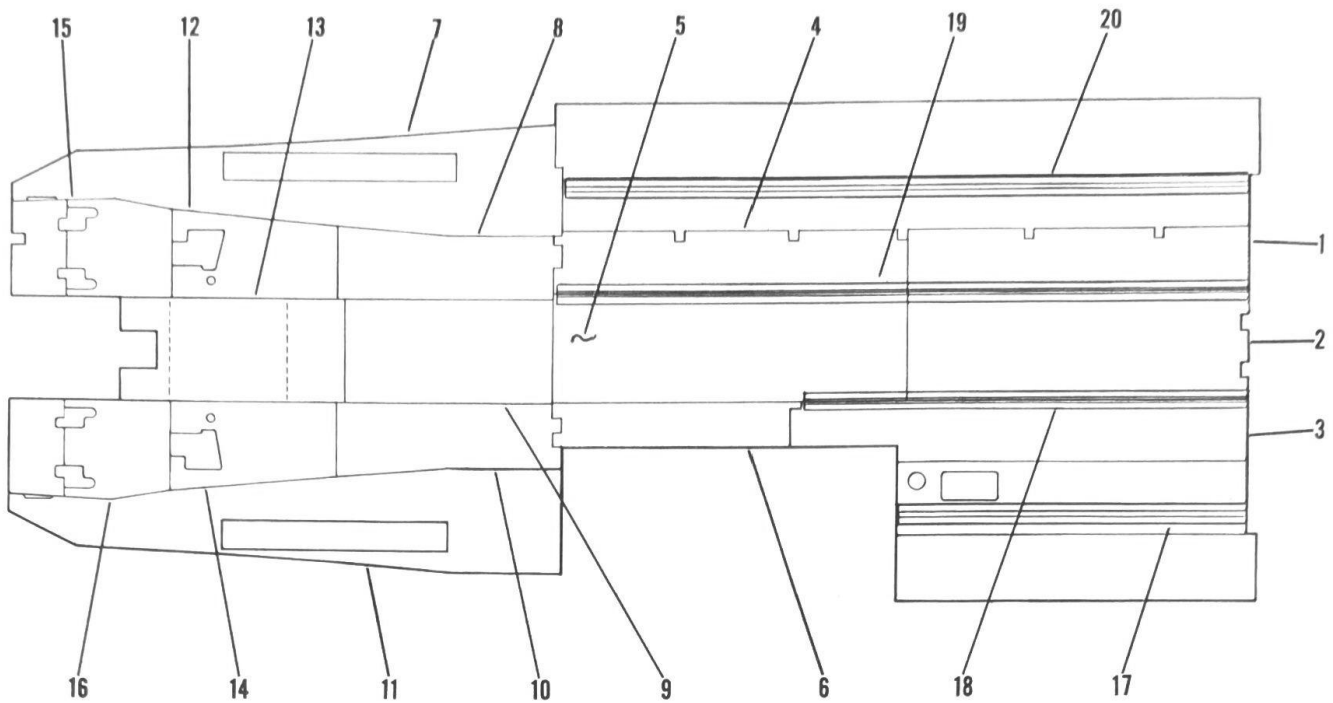


Figure 13. Cabin Window Installation



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
13 -	2391100-001	CABIN WINDOW INSTALLATION			
	2391100-002	• WINDOW ASSEMBLY-ESCAPE WHEN	1	A	
	2388195-001	EXHAUSTED USE 2391100-002 -----	1	B	
	2388195-016	• WINDOW ASSEMBLY-ESCAPE WHEN	1	C	
	2388195-018	EXHAUSTED USE 2388195-016 -----	1	F	
-2	2311320-048	• WINDOW ASSEMBLY-ESCAPE WHEN	1	J	
-3	2311320-029	• FRAME-WINDOW OUTER -----	1		
-5	2311320-023	• WINDOW-OUTER -----	1		
-6	2311320-049	• WINDOW-INNER -----	1		
-7	AN509-10R25	• RETAINER-WINDOW INNER -----	1		
-8	2311320-043	A • SCREW -----	61		
	2311320-043	A • SCREW -----	7	E	
	2311320-063	A • SCREW -----	3	L	
-9	MS20364-1032	A • NUT -----	1	L	
-10	52-1650-02	A • NUT -----	61		
-11	2311320-065	• SEAL -----	AR		
-12	2311321-013	• ANGLE -----	1		
	2311321-015	• ANGLE -----	1	G	
-13	2311321-014	• ANGLE -----	1	H	
	2311321-016	• ANGLE -----	1	G	
-14	AN509-8R12	A • SCREW -----	1	H	
	NAS220-8	A • SCREW -----	4	M	
	NAS464P3A3	A • BOLT -----	4	D	
	AN960-8L	A • WASHER -----	4	D	
	AN960-10L	A • WASHER -----	4	H	
	MS20365-832	A • NUT -----	4	M	
-17	2311322-001	• HANDLE-LATCH -----	1	M	
	2311322-003	• HANDLE-LATCH INNER -----	1	N	
-18	2388195-011	• HANDLE-LATCH INNER -----	1	L	
	2311321-009	A • PIN -----	2	M	
	2311321-011	A • PIN -----	2	P	
	AN960-8	A • WASHER -----	2		
	MS20365-832	A • NUT -----	2		
-19	2388195-015	• LATCH INSTALLATION-DUAL HANDLE -----	1	L	
	NAS221-14	• FAIRING-LATCH HANDLE -----	1	L	
	NAS221-15	A • SCREW FWD -----	1	L	
-20	2388195-005	A • SCREW AFT -----	1	L	
	2388195-007	• HANDLE ASSEMBLY-OUTER -----	1	L	
	2388195-013	• HANDLE -----	1	L	
	NAS561P2-8	• KNOB -----	1	L	
	MS28136-1	A • PIN-SPRING -----	1	L	
-20A	2388195-002	• CLIP HANDLE ASSEMBLY RETAINING -----	1	L	
-20B	MS20253P3-29	• PIN ASSEMBLY -----	1	L	
	AN960D516	A • PIN-HINGE -----	1	L	
	AN622786	• WASHER-SHIM -----	AR	L	
-21	2311320-044	• PACKING-O RING -----	AR	L	
	AN509-10R8	• RETAINER-UPPER -----	1	004	
	MS21042L3	A • SCREW -----	5	004	
-22	2311320-025	A • NUT -----	5	004	
	2311320-062	• RETAINER -----	1		021
		• RETAINER WHEN EXHAUSTED USE			
		2311320-070, -071, & -072 -----	1	022	
	2311320-070	• RETAINER -----	1	K	
	2311320-071	• SHIM -----	1	K	
	2311320-072	• RETAINER -----	1	K	
	AN509-10R10	A • SCREW -----	5	022	
	MS21042L3	A • NUT -----	5	022	
	SEE FIGURE 1	• PLACARDS-ESCAPE WINDOW -----	REF		
-23	2311330-012	• WINDOW INSTALLATION-FRONT RH -----	1		
-24	2311330-002	• WINDOW ASSEMBLY-OUTER -----	1		
-25	2311330-017	• WINDOW-INNER -----	1		
-26	2311330-018	• RETAINER-BOTTOM -----	1		
-27	2311330-004	• RETAINER-TOP -----	1		
-28	AN509-10R23	• RETAINER-OUTER -----	1		
-29	AN509-10R10	A • SCREW -----	58		
-30	AN509-10R11	A • SCREW -----	40		
	2311330-015	A • SCREW -----	60		
	2311330-016	A • SPACER -----	1		
	2311330-008	A • SPACER -----	1		
	2311330-009	A • INSERT-NYLON TUBE -----	58	005	
-31	MS20365-1032	A • INSERT-NYLON TUBE -----	58	005	
		A • NUT -----	58		
-32	2311310-012	• WINDOW INSTALLATION-AFT LH -----	1		
-33	2311310-002	• WINDOW ASSEMBLY-OUTER -----	1		
-34	2311310-017	• WINDOW-INNER -----	1		
-35	2311310-018	• RETAINER -----	1		
		• RETAINER -----	1		
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
13 -36	2311310-004	. . RETAINER -----	1		
-37	AN509-10R23	A . . SCREW -----	58		
-38	AN509-10R10	A . . SCREW -----	41		
-39	AN509-10R11	A . . SCREW -----	52		
	2311310-015	A . . SPACER -----	2		
	2311310-016	A . . SPACER -----	2		
	2311310-008	A . . INSERT-NYLON TUBE -----	58		005
	2311310-009	A . . INSERT-NYLON TUBE -----	58		005
-40	MS20365-1032	A . . NUT -----	58		
		A 003 THRU 049 EXCEPT A/C MOD PER ECR 233 ECR 230, ECR 277 OR ECR 381			
		B 050 & ON EXCEPT A/C MOD PER ECR 230 OR ECR 227			
		C 003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381			
		D USED ON 2391100-002, 2388195-001 & 2388195-016			
		E USED ON 2391100-001 & 2391100-002			
		F SPARE FOR 2388195-001			
		G USED ON 2391100-001, 2391100-002, 2388195-001 & 2388195-016			
		H USED ON 2388195-018			
		J SPARE FOR 2388195-016			
		K SPARE FOR 2311320-062			
		L USED ON 2388195-001, 2388195-016 & 2388195-018			
		M USED ON 2391100-001			
		N USED ON 2391100-002			
		P USED ON 2391100-002, 2388195-001, 2388195-016 & 2388195-018			
		A---ATTACHING PARTS			



2-20C

Figure 14. Floorboards Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
14 -		FLOORBOARDS INSTALLATION			
-1	2311540-120	• FLOORBOARD ASSEMBLY -----	1		
	AN509-10R10	A • SCREW-FRAME -----	AR		
	AN509-10R12	A • SCREW-KEEL BEAM -----	AR		
-2	2311540-157	• FLOORBOARD -----	1		
	AN509-10R10	A • SCREW-FRAME -----	AR		
	AN509-10R12	A • SCREW-KEEL BEAM -----	AR		
-3	2311540-121	• FLOORBOARD ASSEMBLY -----	1		
	AN509-10R10	A • SCREW-FRAME -----	AR		
	AN509-10R12	A • SCREW-KEEL BEAM -----	AR		
-4	2311540-142	• FLOORBOARD -----	1		
	AN509-10R10	A • SCREW-FRAME -----	AR		
	AN509-10R12	A • SCREW-KEEL BEAM -----	AR		
-5	2311540-071	• FLOORBOARD -----	1		
	2311540-181	• FLOORBOARD -----	1		
	AN509-10R10	A • SCREW-FRAME -----	AR	018	017
	AN509-10R12	A • SCREW-KEEL BEAM -----	AR		
-6	2311540-036	• FLOORBOARD -----	1		
	AN509-10R10	A • SCREW-FRAME -----	AR		
	AN509-10R12	A • SCREW-KEEL BEAM -----	AR		
-7	2311540-138	• FLOORBOARD -----	1		
	AN530-6R6	A • SCREW FRAME -----	AR		
-8	2311540-078	• FLOORBOARD -----	1		
	2311540-158	• FLOORBOARD ASSEMBLY -----	1		014
	2311540-172	• FLOORBOARD ASSEMBLY -----	1	L	
	2311540-198	• FLOORBOARD ASSEMBLY -----	1	029	066
	AN509-10R12	A • SCREW-KEEL BEAM -----	AR		
-9	2311540-072	• FLOORBOARD -----	1		
	2311540-170	• FLOORBOARD -----	1	M	
	AN509-10R10	A • SCREW-FRAME -----	AR	029	
	AN509-10R12	A • SCREW-KEEL BEAM -----	AR		
-10	2311540-075	• FLOORBOARD -----	1		
	2311540-182	• FLOORBOARD ASSEMBLY -----	1		014
	2311540-183	• FLOORBOARD ASSEMBLY -----	1	L	
	AN509-10R10	A • SCREW-FRAME -----	AR	029	
	AN509-10R12	A • SCREW-KEEL BEAM -----	AR		
-11	2311540-137	• FLOORBOARD -----	1		
	AN530-6R6	A • SCREW-FRAME -----	AR		
	A6607-6Z-1	A • NUT -----	AR		
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
14 -12	2311540-077	. FLOORBOARD -----	1	M	
	2311540-168	. FLOORBOARD -----	1	029	069
	2311540-200	. FLOORBOARD -----	1	070	
	AN509-10R10	A . SCREW-FRAME -----	AR		
	AN509-10R12	A . SCREW-KEEL BEAM -----	3		
-13	2311540-073	. FLOORBOARD -----	1	A	
	2311540-169	. FLOORBOARD -----	1	B	
	2381335-002	. FLOORBOARD -----	1	C	
	2311540-202	. FLOORBOARD -----	1	D	
	2311540-203	. FLOORBOARD -----	1	E	
	AN509-10R10	A . SCREW-FRAME -----	AR		
	AN509-10R12	A . SCREW-KEEL BEAM -----	AR		
-14	2311540-076	. FLOORBOARD -----	1	M	
	2311540-167	. FLOORBOARD -----	1	029	049
	2311540-185	. FLOORBOARD ASSEMBLY -----	1	050	069
	2311540-201	. FLOORBOARD ASSEMBLY -----	1	070	
	AN509-10R10	A . SCREW-FRAME -----	AR		
	AN509-10R12	A . SCREW-KEEL BEAM -----	AR		
-15	2311540-089	. FLOORBOARD ASSEMBLY -----	1	F	
	2311540-146	. FLOORBOARD -----	1	G	
	2311540-174	. FLOORBOARD -----	1	H	
	2311540-212	. FLOORBOARD ASSEMBLY -----	1	J	
	AN509-10R10	A . SCREW-FRAME -----	AR		
	AN509-10R12	A . SCREW-KEEL BEAM -----	5		
-16	2311540-090	. FLOORBOARD -----	1	F	
	2311540-145	. FLOORBOARD -----	1	K	
	2311540-211	. FLOORBOARD ASSEMBLY -----	1	J	
	AN509-10R10	A . SCREW-FRAME -----	AR		
	AN509-10R12	A . SCREW-KEEL BEAM -----	5		
	SEE FIGURE 37	. SEAT RAIL INSTL-CREW SEAT -----	REF		079
	SEE FIGURE 38	. SEAT RAIL INSTL-CREW SEAT -----	REF	080	
		. SEAT RAIL INSTL-PASSENGER SEATS -----	1		
-17	2311540-044	. . RAIL-SEAT LH-OUTBOARD -----	1		041
	2311540-186	. . RAIL-SEAT LH-OUTBOARD -----	1	042	
-18	2311240-017	. . RAIL-SEAT LH-INBOARD -----	1		041
	2311240-057	. . RAIL-SEAT LH-INBOARD -----	1	042	
-19	2311240-052	. . RAIL-SEAT RH-INBOARD -----	1		041
	2311240-056	. . RAIL-SEAT RH-INBOARD -----	1	042	
-20	2311540-134	. . RAIL-SEAT RH-OUTBOARD -----	1		041
	2311540-187	. . RAIL-SEAT RH-OUTBOARD -----	1	042	
		A 003 THRU 028A EXCEPT A/C MOD PER ECR 233			
		ECR 277, ECR 381 OR ECR 392			
		B 029 THRU 069 EXCEPT A/C MOD PER ECR 233,			
		ECR 392 OR ECR 401			
		C 003 THRU 069 WHEN MOD PER ECR 233, ECR			
		230, ECR 277 OR ECR 381			
		D 070 THRU 099 EXCEPT A/C MOD PER ECR 227			
		E 003 THRU 039 WHEN MOD PER ECR 392, OR			
		ECR 401 & 070 & ON WHEN MOD PER ECR 277			
		F 003 THRU 010 EXCEPT A/C MOD PER ECR 233			
		OR SK23-219			
		G 011 THRU 024 EXCEPT A/C MOD PER SK23-219			
		ECR 233, ECR 277 OR ECR 381			
		H 025 THRU 099 EXCEPT A/C MOD PER ECR 233,			
		ECR 230 OR ECR 227 OR SK23-219			
		J 003 & ON WHEN MOD PER SK23-219 OR ECR			
		233, ECR 230, ECR 227, ECR 277 OR			
		ECR 381			
		K 011 & ON EXCEPT A/C MOD PER SK23-219 OR			
		ECR 233, ECR 230, ECR 227, ECR 277 OR			
		ECR 381			
		L 015 THRU 028A			
		M 003 THRU 028A			
		A---ATTACHING PARTS			

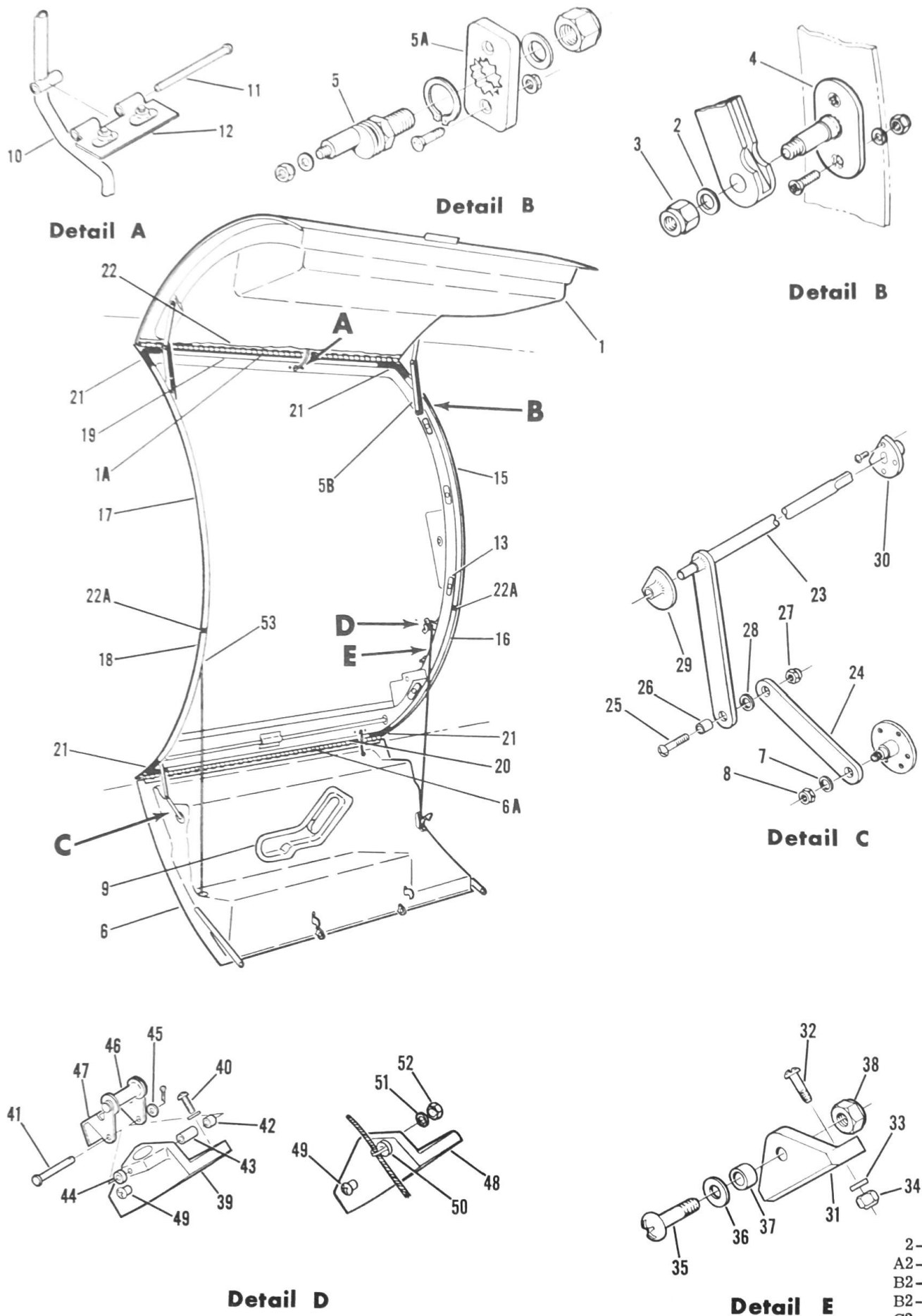


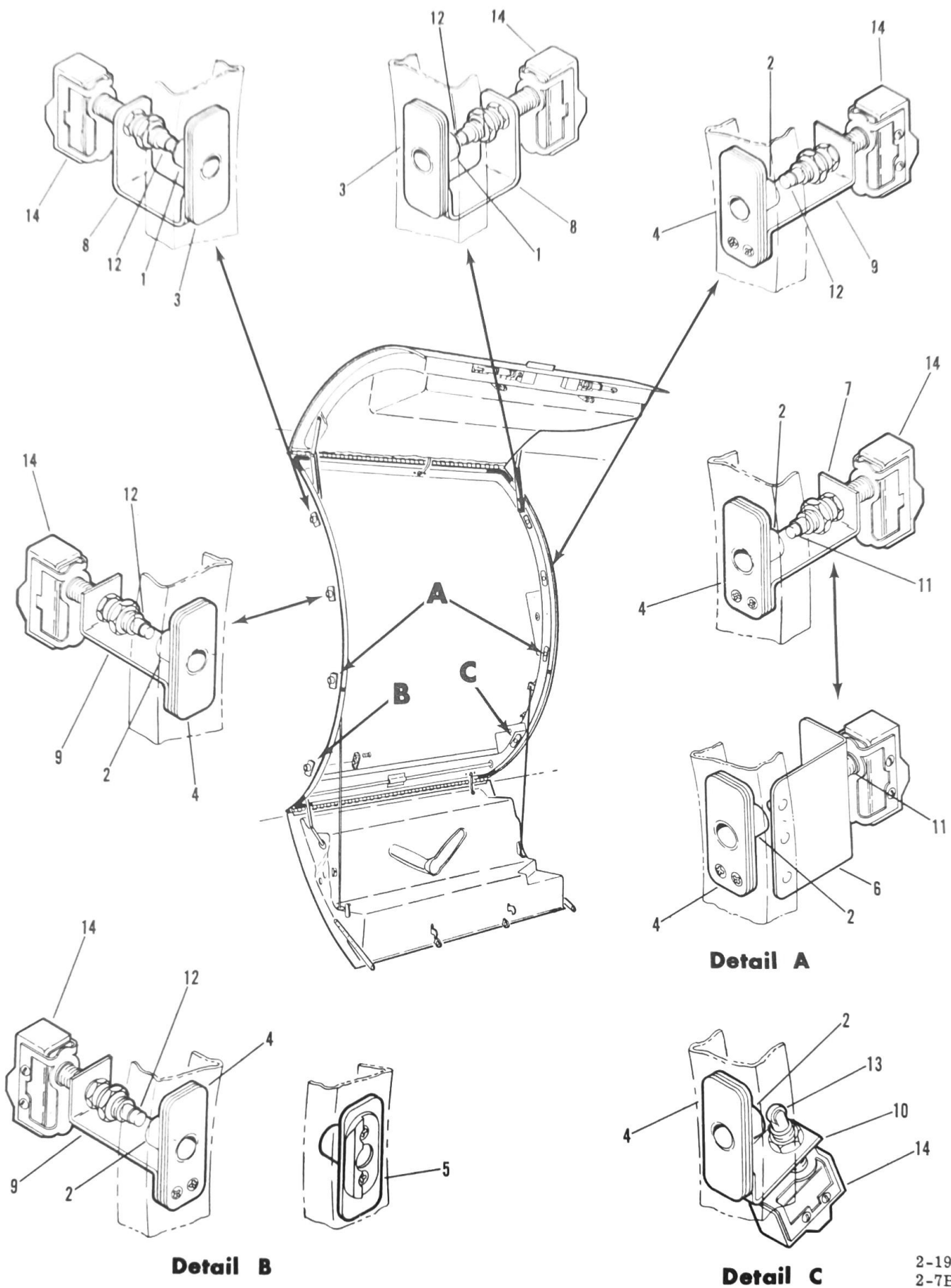
Figure 15. Cabin Door Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
15 -		CABIN DOOR INSTALLATION			
-1	SEE FIGURE 16	• DOOR ASSEMBLY-UPPER -----	1		
-1A	2311280-012	• HINGE ASSY-UPPER -----	1		
	MS20426AD5	A • RIVET ATTACHMENT TO FUSELAGE & DOOR -----	AR		
	CR2248	A • RIVET ATTACH TO FUSELAGE EACH END -----	2		
-2	AN960-516	• WASHER -----	2		
-3	MS20364-1032	• NUT -----	2		
-4	2311280-063	• FITTING ASSEMBLY-AFT -----	1	S	
	2311280-064	• FITTING ASSEMBLY-FWD -----	1	S	
	AN509-8R9	A • SCREW -----	2	S	
	AN960-8L	A • WASHER -----	2	S	
	MS20364-832	A • NUT -----	2	S	
-5	2311679-002	• FITTING -----	2	T	
	5160-62S-MD	A • RING-RETAINER -----	2	T	
	2311679-004	A • WASHER -----	2	T	
	MS20365-720	A • NUT -----	2	T	
-5A	2311679-005	• PLATE -----	2	T	
	NAS220-9	A • SCREW -----	4	T	
	MS21042-08	A • NUT -----	4	T	
-5B	SEE FIGURE 17A	• FITTING INSTALLATION-TORSION BAR UPPER -----	REF	U	
-6	SEE FIGURE 18	• DOOR ASSEMBLY-LOWER -----	1		
-6A	2311280-008	• HINGE ASSY-LOWER -----	1		
	MS20426AD5	A • RIVET ATTACHMENT TO FUSELAGE & DOOR -----	AR		
-7	AN960-416	• WASHER -----	1		
-8	MS20364-1032	• NUT -----	1		
-9	2313178-001	• PLATE-HANDLE TRIM -----	1		014
	2313179-001	• PLATE-HANDLE TRIM -----	1	015	
	NAS384-6-8P	A • SCREW -----	AR		
-10	2311280-072	• TUBE ASSEMBLY-WELD -----	1		
-11	MS20253-2-140	A • PIN -----	1		
-12	MS20001PX4-0187	• HINGE -----	1		
	AN515-6R5	A • SCREW -----	2		017
	AN507-632-5	A • SCREW -----	2	018	
-13	SEE FIGURE 15A	• SWITCH DOOR PIN LOCKED -----	REF		
-15	2311280-049	• SEAL-UPPER AFT APPROX 36 IN LG -----	1		
-16	2311280-050	• SEAL-LOWER AFT APPROX 26 IN LG -----	1		
-17	2311280-051	• SEAL-UPPER FWD APPROX 36 IN LG -----	1		
-18	2311280-052	• SEAL-LOWER FWD APPROX 26 IN LG -----	1		
-19	2311280-053	• SEAL-TOP APPROX 36 IN LONG -----	1		
-20	2311280-054	• SEAL-BOTTOM APPROX 36 IN LONG -----	1		
-21	S-309	• SEAL-CORNER -----	4		
-22	2311280-080	• SEAL-TOP HINGE -----	1		
-22A	2311280-048	• PLUG-SEAL -----	2		
		• BAR INSTALLATION-TORSION -----	1		
-23	2311272-002	• • BAR ASSY-TORSION WHEN EXHAUSTED -----	1		
	2311272-020	• • BAR ASSY-TORSION ALT FOR -----	1		
		2311272-002 -----	1		
-24	2311272-005	• • LINK -----	1		
-25	NAS221-8	A • • SCREW -----	1		
-26	NAS75-3-011	A • • BUSHING -----	1		
-27	MS20364-1032	A • • NUT -----	1		
-28	AN960-516	A • • WASHER -----	1		
-29	2311272-008	• • BEARING ASSEMBLY-END -----	1		
-30	2311272-016	• • FITTING ASSEMBLY-END -----	1		
	NAS221-9	A • • SCREW -----	3		
		• CABLE INSTALLATION-LOWER CABIN DOOR -----	1	030	
-31	2311005-002	• • FITTING-LOWER DOOR CABLE AFT -----	1	J	
-32	AN520-10R14	A • • SCREW -----	2	J	
-33	AN960-10	A • • WASHER -----	2	J	
-34	MS20365-1032	A • • NUT -----	2	J	
-35	NAS222-16	• • SCREW -----	1	J	
-36	AN960-416	• • WASHER -----	1	J	
-37	NAS43HT4-16	• • SPACER -----	1	J	
-38	MS20365-428	• • NUT -----	1	J	
-39	2311662-001	• • FITTING-LOWER DOOR CABLE AFT -----	1	A	
	2311662-003	• • FITTING-LOWER DOOR CABLE AFT -----	1	B	
	2311662-005	• • FITTING-LOWER DOOR CABLE AFT -----	1	K	
-40	NAS221-12	A • • SCREW -----	4	M	
	AN960D10L	A • • WASHER -----	4	M	
	2311671-001	• • HOOK RELEASE ASSY FOR SPARES USE -----	1	D	
	2311671-004	• • HOOK RELEASE ASSY FOR SPARES USE -----	1	E	
		2311686-001 -----	1	F	
-41	2311686-001	• • HOOK RELEASE ASSY -----	1	F	
	MS20392-1C43	A • • PIN-CLEVIS -----	1	A	
	MS20392-1C45	A • • PIN-CLEVIS -----	1	F	
-42	2311686-003	A • • SPACER -----	1	F	
-43	2311686-004	A • • ROLLER -----	1	F	
-44	NAS43DD1-7	A • • SPACER -----	1	F	
-45	AN960-4	A • • WASHER -----	1	F	
		CONTINUED			
		A---ATTACHING PARTS			



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
15 -	MS24665-130	A . . . PIN-COTTER -----	1	F	
-46	2311671-003	. . . . ROLLER-HOOK RELEASE -----	1	N	
	2311686-005	. . . . SPOOL-HOOK RELEASE -----	1	P	
	MS20392-1C43	A . . . . PIN-CLEVIS ROLLER AXLE -----	1	M	
	MS20392-1C45	A . . . . PIN-CLEVIS SPOOL AXLE -----	1	P	
	AN960-4	A . . . . WASHER -----	1		
	MS24665-130	A . . . . PIN-COTTER -----	1		
-47	2311671-002	. . . . HOOK RELEASE FOR SPARES USE -----	1		
		2311671-005 -----	1	Q	
	2311671-005	. . . . HOOK RELEASE -----	1	R	
	2311686-002	. . . . HOOK RELEASE -----	1	P	
-48	2481037-001	. . . . FITTING-LOWER DOOR CABLE AFT -----	1	L	
	NAS221-12	A . . . . SCREW -----	4	L	
	AN960010L	A . . . . WASHER -----	4	L	
-49	NAS43HT4-23	. . . . SPACER -----	1	V	
	NAS222-16	A . . . . SCREW -----	1	V	
	AN960-416	A . . . . WASHER -----	1	V	
	MS20364-428	A . . . . NUT -----	1	V	
-50	2511663-004	. . . . BOLT-EYE -----	1	L	
-51	AN960PD516L	A . . . . WASHER -----	1	L	
-52	AN310-5	A . . . . NUT -----	1	L	
	MS24665-132	A . . . . PIN-COTTER -----	1	L	
-53	2313306-431-6	. . . . FITTING-LOWER DOOR CABLE FORWARD -----	1	H	
	2311662-002	. . . . FITTING-LOWER DOOR CABLE FORWARD -----	1	G	
	2311662-004	. . . . FITTING-LOWER DOOR CABLE FORWARD -----	1	C	
	NAS221-13	. . . . SCREW -----	2	H	
	NAS221-14	. . . . SCREW -----	4	G	
		+ MAKE FROM S-308 TRIM ON INSTL			
	A	030 THRU 069 EXCEPT A/C MOD PER SK23-162 OR SK23/24/25-312			
	B	070 THRU 089 EXCEPT A/C MOD PER SK23-162 OR SK23/24/25-312			
	C	090 & ON & A/C MOD PER SK23-162			
	D	030 THRU 032 EXCEPT A/C MOD PER SK23-162 OR SK23/24/25-312			
	E	033 THRU 069 EXCEPT A/C MOD PER SK23-162 OR SK23/24/25-312			
	F	070 & ON & A/C MOD PER SK23-162 EXCEPT A/C MOD PER SK23/24/25-312			
	G	030 THRU 089 EXCEPT A/C MOD PER SK23-162			
	H	003 THRU 029 WHEN MOD PER SK23-117			
	J	003 THRU 029 EXCEPT 028A OR A/C MOD PER SK23/24/25-312			
	K	090 & ON & A/C MOD PER SK23-162 EXCEPT A/C MOD PER SK23/24/25-312			
	L	003 & ON WHEN MOD PER SK23/24/25-312			
	M	030 & ON WHEN MOD PER SK23-162 EXCEPT A/C MOD PER SK23/24/25-312			
	N	USED ON 2311671-001 & -004 RELEASE ASSY			
	P	USED ON 2311686-001 RELEASE ASSY			
	Q	USED ON 2311671-001 RELEASE ASSY			
	R	USED ON 2311671-004 RELEASE ASSY			
	S	003 THRU 029 EXCEPT A/C MOD PER SK23-133B, SK23/24/25-321 OR AMK71-6			
	T	030 & ON EXCEPT A/C MOD PER SK23-133B SK23/24/25-321 OR AMK71-6			
	U	003 & ON WHEN MOD PER SK23-133B, SK23/24/25-321 OR AMK71-6			
	V	030 & ON & A/C MOD PER SK23/24/25-312			
		A---ATTACHING PARTS			



**Detail A****Detail B****Detail C**

2-19C  
 2-7B-1  
 A2-7B-1  
 B2-7B-1  
 C2-7B-1

Figure 15A. Cabin Door Locking Pin Receptacles Installation

MODEL 23

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
15A-		CABIN DOOR LOCKING PIN RECEPTACLES INSTL			A
-1	2311280-077	• GUIDE ASSY WHEN EXHAUSTED USE	2	A	
		2311280-103	2	B	
	2311280-103	• GUIDE ASSY	6	A	
-2	2311280-066	• GUIDE ASSY			
-3	2311280-075	• PLATE WHEN EXHAUSTED USE	2	C	
		2311280-083	2	D	
	2311280-083	• PLATE			
-4	2311280-067	• PLATE WHEN EXHAUSTED USE	6	C	
		2411281-023			
	2311280-082	• PLATE WHEN EXHAUSTED USE	6	D	
		2411281-023	6	E	
	2411281-023	• PLATE	1	A	
-5	2311259-001	• PLATE-STRIKER	2	A	
	AN509-8R10	• SCREW	2	A	
	AN960-8	• WASHER	2	F	
	MS20365-832	• NUT	2	G	
	NAS1068A08	• NUTPLATE	2	J	
-6	2311280-069	• SUPPORT-SWITCH	2		
-7	2311280-081	• SUPPORT-SWITCH WHEN EXHAUSTED USE	2	K	
		2411281-004	2	L	
	2411281-004	• SUPPORT-SWITCH	2	H	
-8	2311280-086	• SUPPORT-SWITCH			
-9	2311280-081	• SUPPORT-SWITCH WHEN EXHAUSTED USE	3	H	
		2411281-004	3	L	
	2411281-004	• SUPPORT-SWITCH			
-10	2311280-102	• SUPPORT-SWITCH WHEN EXHAUSTED USE	1	H	
		2411281-005	1	M	
	2411281-005	• SUPPORT-SWITCH	2	A	
-11	MC27118	• ACTUATOR-SWITCH	5	H	
-12	MC27118	• ACTUATOR-SWITCH	1	H	
-13	MD3211-Q	• ACTUATOR-SWITCH	AR	A	
-14	BZ-R31	• SWITCH DOOR PIN LOCKED LSW20,			
		A 23-002 & ON			
		B SPARE FOR 2311280-077			
		C 23-002 THRU 069			
		D 23-070 & ON			
		E SPARE FOR 2311280-067 & 082			
		F 23-002 THRU 029			
		G 23-030 & ON			
		H 23-002 & ON WHEN MODIFIED PER ECR 233			
		ECR 230, ECR 227, ECR 277 OR ECR 381			
		J 23-002 THRU 029			
		K 23-030 & ON			
		L SPARE FOR 2311280-081			
		M SPARE FOR 2311280-102			
		A---ATTACHING PARTS			

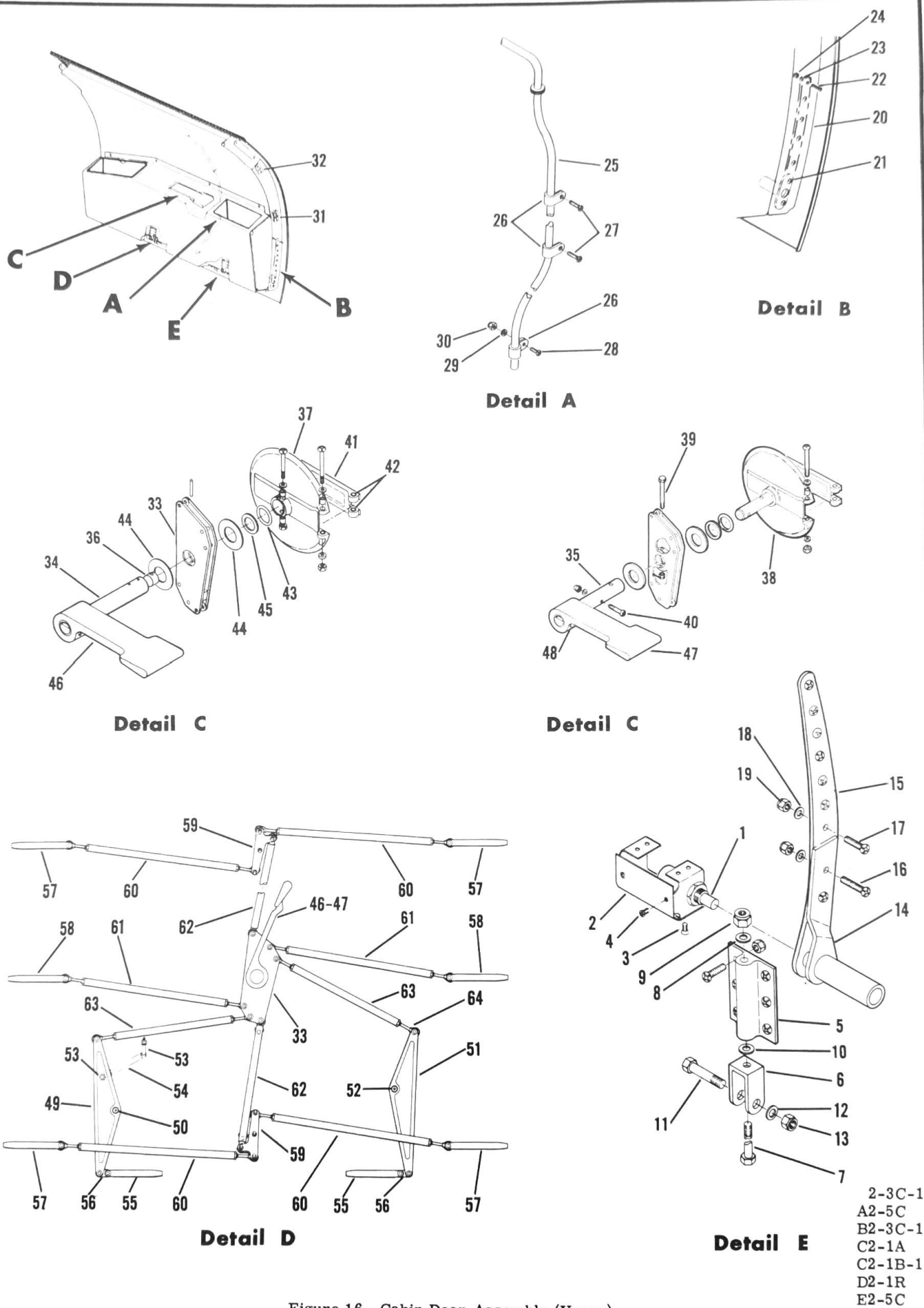


Figure 16. Cabin Door Assembly (Upper)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
16 -	SEE FIGURE 17 SEE FIGURE 17A 2311495-001	CABIN DOOR ASSEMBLY UPPER • TORSION BAR INSTALLATION-UPPER DOOR ----- • TORSION BAR INSTALLATION-UPPER DOOR ----- • STRUCTURE ASSEMBLY-UPPER DOOR WHEN EXHAUSTED USE 2311495-118 -----	1 1 1	H J	
-1	2311495-118 8411K7	• STRUCTURE ASSEMBLY-UPPER DOOR ----- • SWITCH-CABIN DOOR PIN LOCKED LSW18 & LSW19 -----	1 1	M	
-2	2311510-002	• COVER -----	2		
-3	AN507-4R4	A • SCREW -----	2		
-4	AN515-4R4	A • SCREW -----	4		
-5	2311502-004 NAS221-9	• GUIDE ----- A • SCREW -----	4 2		
-6	MS20365-1032	A • NUT -----	12		
-7	2311502-005	• CLEVIS -----	12		
-8	AN4-27A	A • BOLT -----	2		
-9	AN960-416	A • WASHER -----	2		
-10	MS20365-428	A • NUT -----	2		
-11	AN960-416L	A • WASHER -----	2		
-12	NAS464P5A12	• BOLT -----	AR		
-13	AN960-516	• WASHER -----	2		
-14	MS20364-524	• NUT -----	2		
	2311276-001	• GUIDE ASSEMBLY-FORWARD SEE NOTE 1 -----	1	E	
	2311276-009	* • GUIDE ASSEMBLY-FORWARD -----	1	F	
	2311276-002	* • GUIDE ASSEMBLY-AFT SEE NOTE 1 -----	1	E	
	2311276-010	* • GUIDE ASSEMBLY-AFT -----	1	F	
-15	2311278-001	• ARM-GUIDE SEE NOTE 1 -----	2	E	
	2311278-003	* • ARM-GUIDE WHEN EXHAUSTED USE 2311278-005 -----	2	F	
	2311278-005	* • ARM-GUIDE -----	2	N	
-16	NAS464P4A8	A • BOLT -----	2		
-17	NAS221-12	A • SCREW -----	7		
-18	AN960-10L	A • WASHER -----	18		
-19	MS20364-1032	A • NUT -----	AR	E	
	MS20364-832	A • NUT -----	AR	F	
-20	2311279-001	• GUIDE ASSEMBLY-FORWARD -----	1		
	2311279-002	• GUIDE ASSEMBLY-AFT -----	1		
-21	AN509-10R11	A • SCREW -----	4		
-22	NAS221-10	A • SCREW -----	10		
-23	AN960-10L	A • WASHER -----	14		
-24	MS20364-1032	A • NUT -----	14		
-25	2311495-060	• CONDUIT -----	1		
-26	MS25281-4	• CLAMP -----	3		
-27	AN515-8R8	A • SCREW -----	2		
-28	AN515-8R7	A • SCREW -----	1		
-29	AN960-8L	A • WASHER -----	3		
-30	MS20365-832	A • NUT -----	3		
-31	2311271-012	• GUIDE ASSEMBLY-PIN -----	4		
-32	2311271-017	• PLATE -----	4		
	AN509-10R11	A • SCREW -----	8		
	AN960-10L	A • WASHER -----	8		
	MS20364-1032	A • NUT -----	8		
-33	2311288-001	• MECHANISM INSTL-UPPER DOOR -----	1		
	MS20392-2C57	A • CONTROL ASSEMBLY-ROD -----	1		
-34	2311491-014	• PIN-CLEVIS -----	1	B	
-35	2311491-019	• TUBE-HANDLE -----	1	C	
-36	2311491-005	• TUBE-HANDLE -----	1	B	
-37	2311287-003	• PLUG-HANDLE -----	1	B	
	NAS75-3-5	• COVER ASSEMBLY-OUTER HANDLE -----	1	B	
	NAS221-28	• BUSHING -----	2	B	
	AN960-10L	• SCREW -----	1	B	
	MS21042-3	• WASHER -----	1	B	
-38	2311287-004	• NUT -----	1	B	
	2411287-002	• COVER ASSEMBLY-OUTER HANDLE WHEN EXHAUSTED USE 2411287-002 -----	1	C	
	2411287-003	• COVER ASSEMBLY-OUTER HANDLE WHEN EXHAUSTED USE 2411287-003 -----	1	K	
-39	2411287-003	• COVER ASSEMBLY-OUTER HANDLE -----	1	L	
	2311490-008	A • BOLT -----	1	C	
	AN960D10	A • WASHER -----	1	C	
	AN310-3	A • NUT -----	1	C	
	MS24665-132	A • PIN-COTTER -----	1	C	
-40	NAS221-23	A • SCREW -----	1	C	
	AN960-10L	A • WASHER -----	1	C	
	MS20365-1032	A • NUT -----	1	C	
-41	2311286-003	• HANDLE ASSEMBLY-OUTER WHEN EXHAUSTED USE 2311286-006 -----	1		
	2311286-006	• HANDLE ASSEMBLY-OUTER -----	1	080	079
	AN23-34A	A • BOLT -----	1	060	
	2311491-006	A • WASHER -----	1		
	NAS430D3-26	A • SPACER -----	1		
CONTINUED					
A---ATTACHING PARTS					

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
16 -	MS21042-3	A . . NUT -----	1		
-42	2311289-001	A . . SPRING -----	1		
-43	AA226-1	. . . BUSHING -----	2		
-44	2-22	. . . O-RING -----	1		
-45	2311491-011	. . . SPACER-NYLON -----	1		
-46	2311491-007	. . . RETAINER-SEAL -----	1	A	
	2311493-001	. . . HANDLE ASSEMBLY-INNER -----	2	A	
	NAS221-25	A . . SCREW -----	2	A	
	3591-3CN0190	. . . INSERT-HELICOIL -----	1	D	
-47	2311493-002	. . . HANDLE ASSEMBLY-INNER -----	1	059	
	2311493-004	. . . HANDLE ASSEMBLY-INNER -----	2	C	
-48	NAS464P3-20	A . . BOLT -----	2		
-49	3591-3CN0190	. . . INSERT-HELICOIL -----			
	2311283-001	. . . BELLCRANK ASSEMBLY WHEN EXHAUSTED USE 2311283-003 -----	1	G	
	2311283-003	. . . BELLCRANK ASSEMBLY -----	1		
	NAS221-26	A . . SCREW -----	1		
	2311491-008	A . . SPACER -----	2		
-50	FF312-1	. . . BUSHING -----	1		
-51	2311284-001	. . . BELLCRANK ASSEMBLY -----	1		
	NAS221-26	A . . SCREW -----	1		
-52	2311491-008	A . . SPACER -----	2		
-53	FF312-1	. . . BUSHING -----	2		
	2311491-009	. . . PIN-SPRING MOUNTING -----	2		
	AN960-10L	A . . WASHER -----	2		
	MS20365-1032	A . . NUT -----	1		
-54	2311289-002	. . . SPRING -----	2		
-55	2311491-016	. . . PIN -----	2		
-56	2311491-001	. . . LINK ASSEMBLY -----	2		
	MS20392-2C21	A . . PIN-CLEVIS -----	2		
	AN960-10L	A . . WASHER -----	2		
	AA226-1	. . . BUSHING -----	4		
-57	2311491-017	. . . PIN -----	2		
-58	2311491-018	. . . PIN -----	6		
	MS20392-2C17	A . . PIN-CLEVIS -----	6		
	AN960-10L	A . . WASHER -----	2		
-59	2311277-001	. . . ARM ASSEMBLY-ROCKER -----	2		
	MS20392-2C21	A . . PIN-CLEVIS -----	2	015	014
	MS20392-2C25	A . . PIN-CLEVIS -----	2		
	AN960-10L	A . . WASHER -----	2		
	AA226-1	. . . BUSHING -----	2		
-60	2311496-001	. . . ROD ASSEMBLY -----	4		
	MS20392-2C17	A . . PIN-CLEVIS -----	8		
	AN960-10L	A . . WASHER -----	8		
	AN165H32LS	. . . TURNBUCKLE -----	1		
	AN165H32RS	. . . TURNBUCKLE -----	1		
	AN316-4L	. . . NUT -----	1		
	AN316-4R	. . . NUT -----	1		
	AA226-1	. . . BUSHING -----	2		
-61	2311498-001	. . . ROD ASSEMBLY -----	2		
	MS20392-2C17	A . . PIN-CLEVIS -----	4		
	AN960-10L	A . . WASHER -----	4		
	AN165H32LS	. . . TURNBUCKLE -----	1		
	AN165H32RS	. . . TURNBUCKLE -----	1		
	AN316-4L	. . . NUT -----	1		
	AN316-4R	. . . NUT -----	1		
	AA226-1	. . . BUSHING -----	2		
-62	2311494-001	. . . ROD ASSEMBLY -----	2		
	MS20392-2C17	A . . PIN-CLEVIS -----	4		
-63	AN960-10L	A . . WASHER -----	4		
	2311497-001	. . . ROD ASSEMBLY -----	4		
	MS20392-2C17	A . . PIN-CLEVIS -----	2		
	AN960-10L	A . . WASHER -----	2		
-64	MS20392-2C21	A . . PIN-CLEVIS -----	4		
	AN165A32LS	. . . TURNBUCKLE -----	2		
	AN165A32RS	. . . TURNBUCKLE -----	1		
	AN316-4L	. . . NUT -----	1		
	AN316-4R	. . . NUT -----	1		
	AA226-1	. . . BUSHING -----	1		
		. . . BUSHING -----	2		
NOTE 1		FOR A/C NOT MOD PER ECR 233, ECR 230 OR ECR 227, THIS PART IS TO BE REPLACED BY INSTALLING PARTS MARKED WITH AN ASTERISK ON THIS FIGURE & FIGURE 18			
		A 003 THRU 045 & 046 THRU 049 EXCEPT A/C MOD PER SK23-114			
		B 003 THRU 049 EXCEPT A/C MOD PER SK23-114			
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION							UNITS PER ASSY	USABLE ON		
		1	2	3	4	5	6	7		THRU		
16 -		C	050 & ON & A/C MOD PER SK23-114									
		D	050 THRU 058 & A/C MOD PER SK23-114									
		E	003 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381									
		F	003 & ON WHEN MOD PER ECR 233, ECR 230 ECR 227, ECR 277 OR ECR 381 ECR 230 OR ECR 227									
		G	SPARE FOR 2311283-001									
		H	003 & ON EXCEPT A/C MOD PER SK23/24/25-321									
		J	003 & ON WHEN MOD PER SK23/24/25-321									
		K	SPARE FOR 2311287-004									
		L	SPARE FOR 2411287-002									
		M	SPARE FOR 2311495-001									
		N	SPARE FOR 2311278-003									
			A---ATTACHING PARTS									

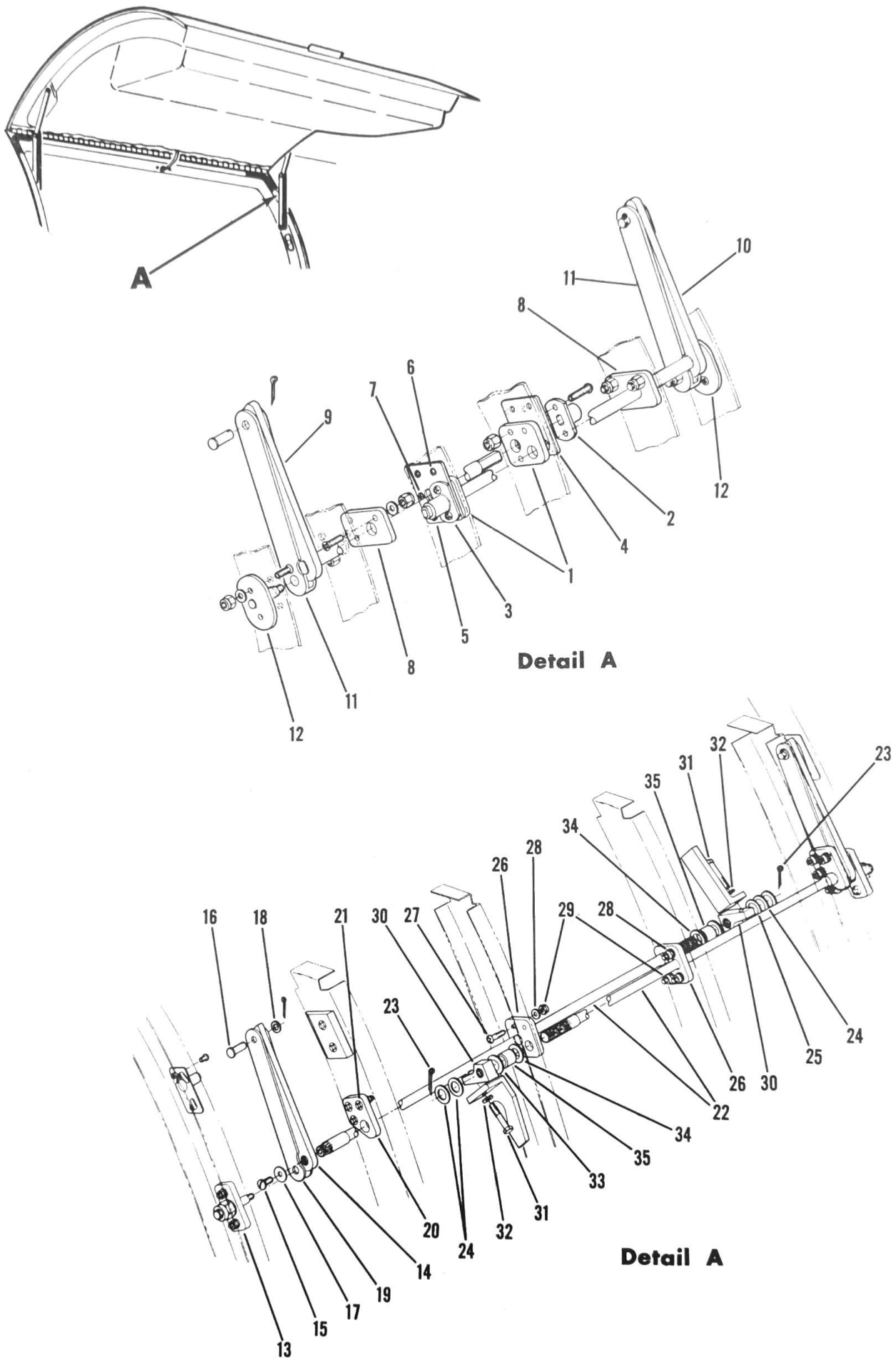


Figure 17. Door Torsion Bar Installation (Upper)

2-19C  
A2-7C  
A2-36D



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
17 -		DOOR TORSION BAR INSTALLATION UPPER			C
-1	2311492-017	• PLATE-BEARING -----	2		A
-2	2311492-016	• FITTING-END AFT -----	1		A
	NAS220-14	A • SCREW -----	2		A
	AN960-8	A • WASHER -----	2		A
	MS20365-832	A • NUT -----	2		A
-3	2311492-018	• FITTING-END FWD -----	1		A
	NAS220-14	A • SCREW -----	2		A
	AN960-8	A • WASHER -----	2		A
	MS20365-832	A • NUT -----	2		A
-4	2311492-019	• DOUBLER AFT -----	1		A
-5	2311492-020	• DOUBLER FWD -----	1		A
-6	NAS221-9	A • SCREW -----	4		A
-7	NAS221-13	A • SCREW -----	2		A
	AN960-10L	A • WASHER -----	6		A
	MS20364-1032	A • NUT -----	6		A
-8	2311492-010	• PLATE-GUIDE -----	2		A
	AN509-10R10	A • SCREW -----	6		A
	MS20364-1032	A • NUT -----	6		A
-9	2311492-021	• BAR ASSEMBLY-TORSION FWD -----	1		A
-10	2311492-022	• BAR ASSEMBLY-TORSION AFT -----	1		A
-11	2311492-015	• LINK -----	2		A
	MS20392-3C17	A • PIN-CLEVIS -----	2		A
-12	SEE FIGURE 15	• FITTING ASSEMBLY -----	REF		A
-13	SEE FIGURE 15	• FITTING ASSEMBLY -----	REF		D
-14	2311688-003	• LINK -----	2		D
-15	AN525-832R8	A • SCREW -----	2		D
-16	MS20392-3C17	A • PIN-CLEVIS -----	2		D
-17	2311688-004	A • WASHER -----	2		D
-18	AN960-416L	A • WASHER -----	2		D
	AN960PD416L	A • WASHER -----	4		D
	MS24665-130	A • PIN-COTTER -----	2		D
-19	2311688-014	• LINK -----	2		D
-20	2311688-009	• PLATE-BEARING -----	2		B
-21	AN509-10R13	A • SCREW -----	2		B
	AN509-10R14	A • SCREW -----	4		B
	AN960-10	A • WASHER -----	6		B
	MS20365-1032	A • NUT -----	6		B
-22	2311688-001	• BAR-TORSION -----	2		B
-23	MS24665-285	A • PIN-COTTER -----	2		B
-24	AN960-716	A • WASHER -----	4		B
-25	AN960-716L	A • WASHER -----	1		B
-26	2311688-013	• PLATE-BEARING -----	2		B
-27	NAS220-11	A • SCREW -----	6		B
-28	AN960-8	A • WASHER -----	6		B
-29	MS20364-832	A • NUT -----	6		B
-30	2311688-008	• ARM ASSEMBLY -----	2		B
-31	MS20073-03-12	• BOLT -----	2		B
-32	AN960-10	• WASHER -----	2		B
-33	AN960-716	• WASHER -----	1		B
-34	AN960-716L	• WASHER -----	3		B
-35	NAS43HT7-18	• SPACER -----	2		B
		A 003 THRU 059 EXCEPT A/C MOD PER SK23-133			
		B SK23-133A, SK23-133B OR AMK71-6			
		C 060 & ON & A/C MOD PER SK23-133 OR			
		SK23-133A EXCEPT A/C MOD PER SK23/24/25-			
		321 OR AMK71-6			
		D 003 & ON EXCEPT A/C MOD PER SK23-133B,			
		SK23/24/25-321 OR AMK71-6			
		060 & ON & A/C MOD PER SK23-133 OR			
		SK23-133A EXCEPT A/C MOD PER SK23/24/25-			
		321 OR AMK71-6			
		A---ATTACHING PARTS			

LIMITED EFFECTIVITY Serial Code C

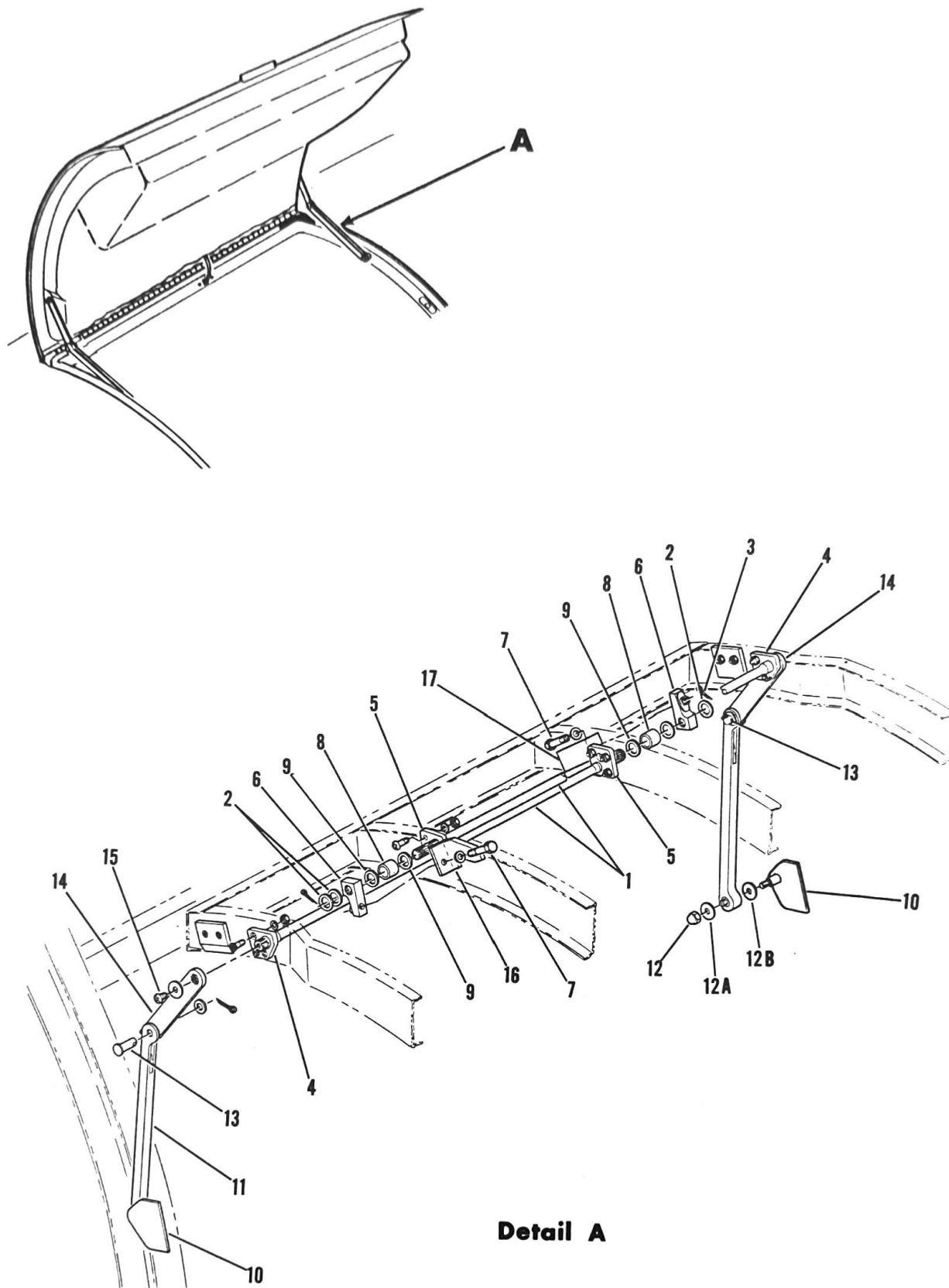


Figure 17A. Door Torsion Bar Installation (Upper)

2-19C  
A2-36C-1

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
17A-		DOOR TORSION BAR INSTALLATION UPPER			
-1	2311688-001	• BAR-TORSION -----	2	A	
-2	AN960-716L	A • WASHER -----	AR	A	
	AN960-716	A • WASHER -----	AR	A	
-3	MS24665-285	A • PIN-COTTER -----	2	A	
-4	2311688-009	• PLATE-BEARING -----	2	A	
	AN509-10R13	A • SCREW -----	2	A	
	AN509-10R14	A • SCREW -----	4	A	
	AN960PD10	A • WASHER -----	2	A	
	MS20365-1032	A • NUT -----	6	A	
-5	2311688-013	• PLATE-BEARING -----	6	A	
	NAS220-11	A • SCREW -----	2	A	
	AN960PD8	A • WASHER -----	6	A	
	MS20364-832	A • NUT -----	6	A	
-6	2311688-008	• ARM ASSEMBLY -----	6	A	
-7	NAS1003-12H	• BOLT -----	2	A	
	AN960-10	• WASHER -----	2	A	
-8	NAS43HT7-18	• SPACER -----	2	A	
-9	AN960-716L	• WASHER -----	2	A	
-10	2411682-001	• SUPPORT-TORSION BAR LINK AFT -----	4	A	
	2411682-005	• SUPPORT-TORSION BAR LINK AFT -----	1	B	
	2411682-002	• SUPPORT-TORSION BAR LINK FWD -----	1	C	
	2411682-006	• SUPPORT-TORSION BAR LINK FWD -----	1	B	
	MS20427M46	A • RIVET -----	1	C	
-11	2411681-001	• LINK-LOWER TORSION BAR ARM -----	AR	A	
	2411681-015	• LINK ASSY-LOWER TORSION BAR ARM ALUMINUM WHEN EXHAUSTED USE 2411681-019 STAINLESS STEEL -----	2	B	
	2411681-019	• LINK ASSY-LOWER TORSION BAR ARM STAINLESS STEEL -----	2	C	
-12	A580B6400	A • NUT-CAP -----	2	E	
	MS20002C4	A • WASHER -----	2	A	
-12A	2411680-002	A • WASHER NEXT TO SUPPORT -----	2	B	
-12B	2411681-018	A • WASHER NEXT TO NUT -----	2	C	
-13	MS20392-3C17	A • PIN-CLEVIS -----	2	C	
	MS24665-130	A • PIN-COTTER -----	2	A	
	AN960PD416L	A • WASHER -----	2	A	
	DBS-7-030	• • BUSHING -----	2	A	
	AJ07C-125	• • BUSHING ALTERNATE FOR DBS-7-030 -----	2	F	
-14	2311688-016	• LINK-UPPER TORSION BAR WHEN EXHAUSTED USE 2311688-018 -----	2	F	
	2311688-018	• LINK-UPPER TORSION BAR -----	2	A	
-15	AN525-10R8	A • SCREW -----	2	D	
	2311688-004	A • WASHER -----	2	A	
-16	2311688-007	• ANGLE-TORQUE ADJUSTMENT SUPPORT FWD -----	2	A	
-17	2311688-006	• ANGLE-TORQUE ADJUSTMENT SUPPORT AFT -----	1	A	
	MS20470AD6	A • RIVET -----	1	A	
		A 003 & ON WHEN MOD PER SK23-133B, SK23/ 24/25/-321 OR AMK71-6			
		B 003 & ON WHEN MOD PER SK23/24/25-321 EXCEPT A/C MOD PER AMK71-5, AMK71-6 OR SK23-133B			
		C 003 & ON WHEN MOD PER SK23-133B, AMK71-5 OR AMK71-6			
		D SPARE FOR 2311688-016			
		E SPARE FOR 2411681-015			
		F USED ON 2411681-015 & -019 LINK ASSY			
		A---ATTACHING PARTS			

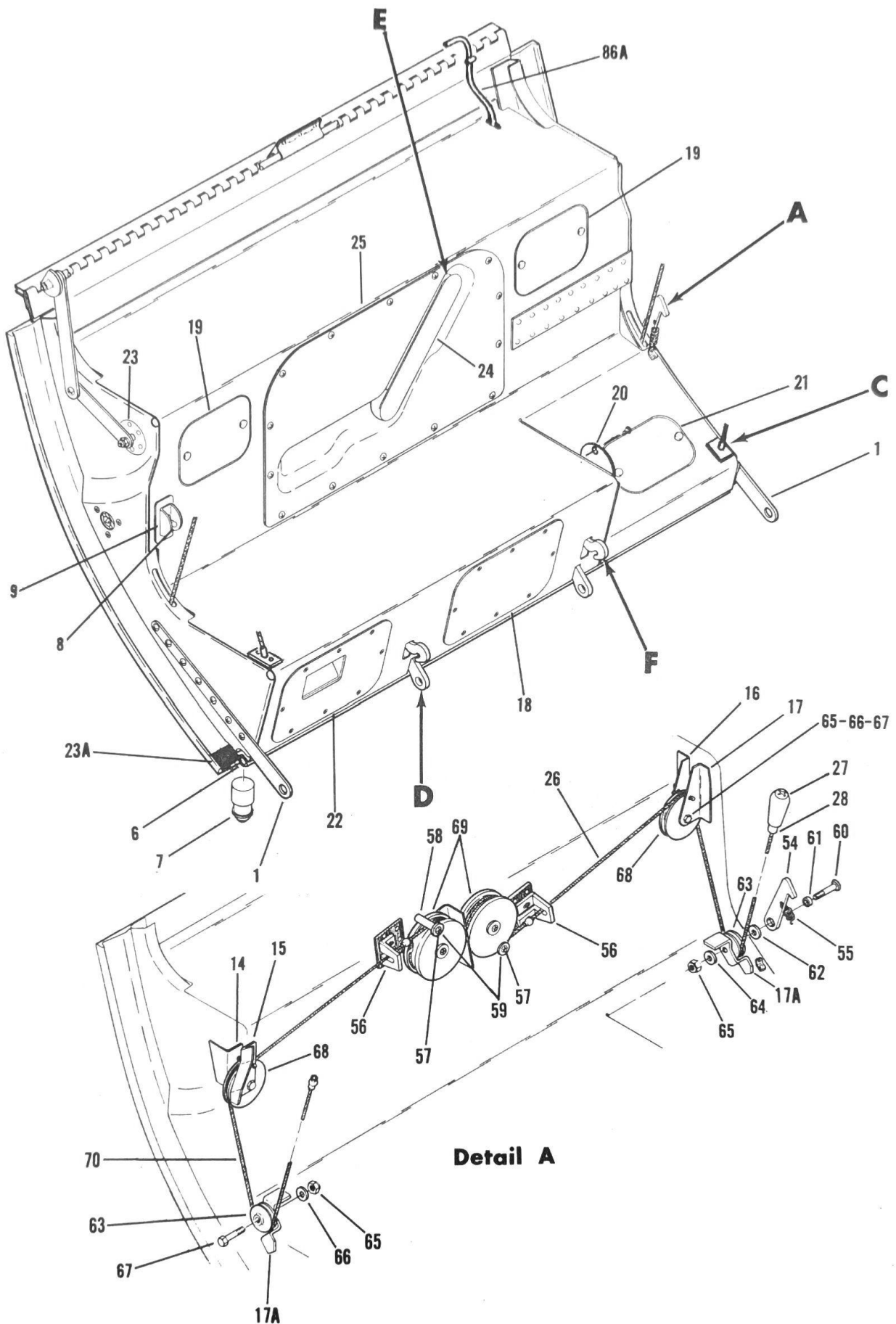


Figure 18. Cabin Door Assembly (Lower) (Sheet 1 of 2)

2-15C  
A2-15C-1

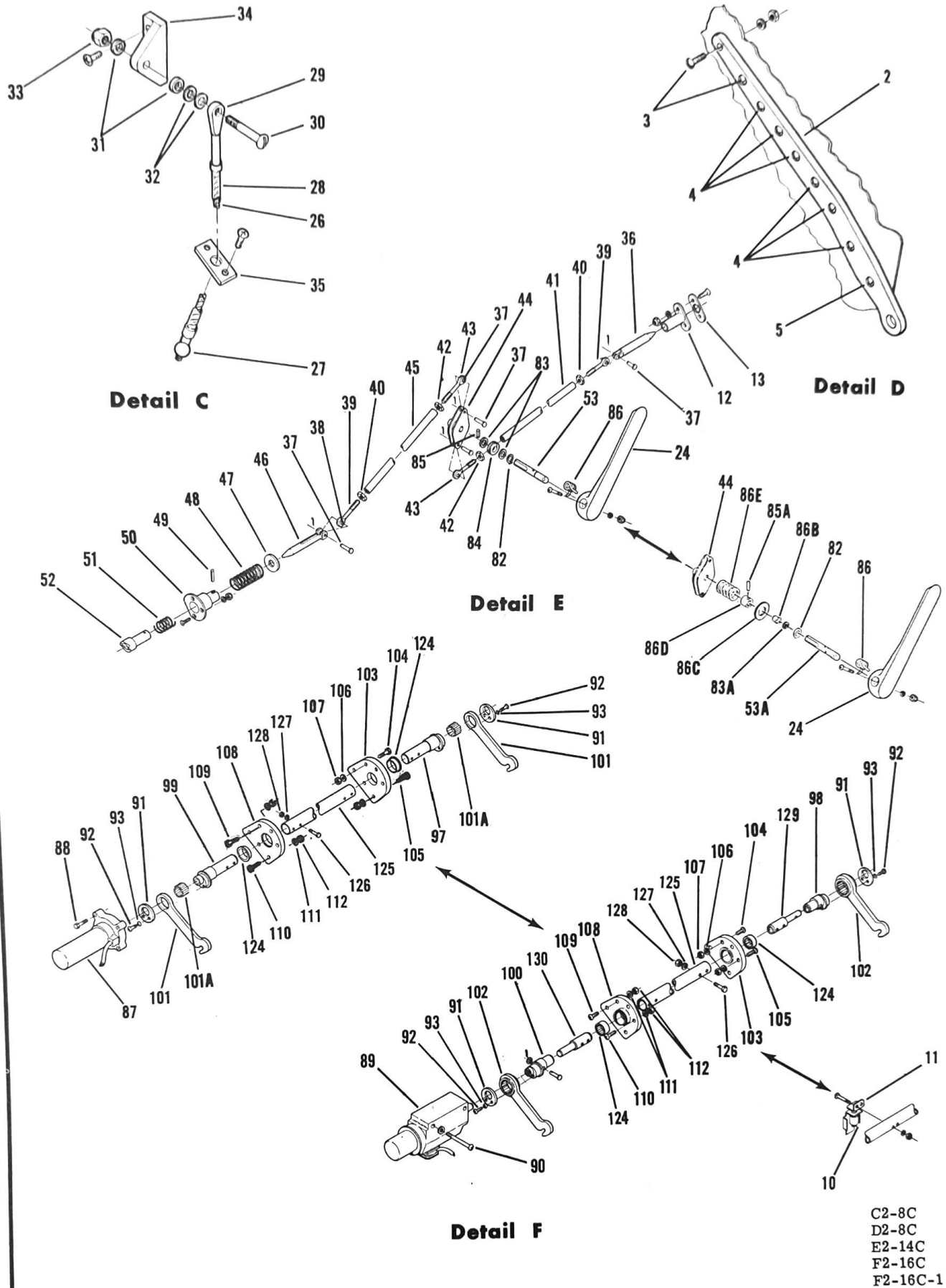


Figure 18. Cabin Door Assembly (Lower) (Sheet 2 of 2)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
18 -		CABIN DOOR ASSEMBLY LOWER			
-1	2311273-001	• STRUCTURE ASSEMBLY-LOWER DOOR	1		
	2311273-002	• ARM-DOOR LATCH	2	E	
		• ARM-DOOR LATCH WHEN EXHAUSTED USE			
	2311273-003	2311273-003	2	D	
	AN509-10R10	• ARM-DOOR LATCH	2	B	
	AN960-10L	A • SCREW	AP		
	MS20364-1032	A • WASHER	AP		
-2	2311274-001	A • NUT	AP		
		• ARM-DOOR LATCH CENTER-FWD & AFT			
		SEE NOTE 1	2	F	
	2311274-002	• ARM-DOOR LATCH CENTER-FWD & AFT			
		SEE NOTE 1	2	G	
	2311274-007	• ARM-DOOR LATCH CENTER-FWD	1	H	
	2311274-008	• ARM-DOOR LATCH CENTER-AFT	1	H	
-3	NAS221-12	A • SCREW	4		
-4	NAS221-13	A • SCREW	6		
-5	NAS221-14	A • SCREW	2		
	AN960-10L	A • WASHER	12		
	MS20364-1032	A • NUT	12		
-6		• SEAL ASSEMBLY-LOWER DOOR	1		
	2411276-009	• SEAL APPROX 38 IN LG	1		
	2411276-011	• INSERT-SEAL	1		
	2411276-012	• PLUG-SEAL	2		
-7	95538	• SWITCH-CABIN DOOR LOCKED KEY			
		SW62	1		
-8	8812K13	• SWITCH-DOOR LOCKED IND SW61	1		
-9	8492K1	• GUARD	1		
-10	8411K7	• SWITCH-DOOR HOOKED IND LSW22	1		
-11	S-150-1	• BRACKET	1		
	NAS221-21	A • SCREW	2		
	AN960-10L	A • WASHER	2		
	MS20365-1032	A • NUT	2		
-12	2311271-012	• GUIDE ASSEMBLY	1		
-13	2311271-017	• PLATE	1		
	AN509-10R11	A • SCREW	2		
	AN960-10L	A • WASHER	2		
	MS20364-1032	A • NUT	2		
-14	2311666-001	• ANGLE	1	D	
-15	2311666-002	• ANGLE	1	D	
-16	2311666-003	• ANGLE	1	D	
-17	2311666-004	• ANGLE	1	D	
	AN509-10R8	A • SCREW	8	D	
	MS20364-1032	A • NUT	8	D	
-17A	2311663-001	• BRACKET-PULLEY FWD CABLE	1	D	
-17B	2311663-002	• BRACKET-PULLEY AFT CABLE	1	D	
-18	2311275-048	• COVER	1		
	NAS548-8-8	A • SCREW	8		
	NAS396-4-1	A • NUT	8		
-19	2311275-052	• COVER	2		
	MS49945	A • LOOP STUD	4		
	1488	A • LOOP STUD ALT FOR MS49945	4		
-20	2311275-055	• COVER	1		
	AN515-6-4	A • SCREW	3		
-21	2311275-065	• COVER	1		
	MS49945	A • LOOP STUD	2		
	1488	A • LOOP STUD ALT FOR MS49945	2		
-22	2311275-071	• COVER ASSEMBLY	1		
	NAS548-8-8	A • SCREW	8		
	NAS396-4-1	A • NUT	8		
-23	2311272-007	• FITTING ASSEMBLY-TORSION BAR	1	E	
	2311272-019	• FITTING ASSEMBLY-TORSION BAR	1	D	
-23A	2311275-117	• SEAL LH	1		
	2311275-118	• SEAL RH	1		
-24	2311301-011	• HANDLE ASSEMBLY	1		
	NAS464P3A16	A • BOLT	1		
	AN960-10	A • WASHER	1		
	MS20364-1032	A • NUT	1		
-25	2311299-002	• PAN ASSEMBLY	1		
	2311300-001	• PAN ASSEMBLY	1	AA	
	2381403-002	• PAN ASSEMBLY	1	AB	
	AN507-632-6	A • SCREW	AR		
		• CABLE INSTALLATION-AFT DOOR	1		
-26	23113306-431-1	• CABLE ASSY-AFT DOOR	1	E	
	2311660-001	• CABLE ASSY-AFT DOOR	1	P	
	2311660-012	• CABLE ASSY-AFT DOOR	1	S	
	2511660-008	• CABLE ASSY-AFT DOOR	1	T	
-27	238	• KNOB ASSY-HAND PULL	1	U	
-28	2511663-002	• ADAPTER-HAND PULL KNOB	1	U	
	NAS561P6-8	A • PIN-SPRING	1	U	
-36	2311491-016	• PIN	1		
		CONTINUED			
		A---ATTACHING PARTS			

049

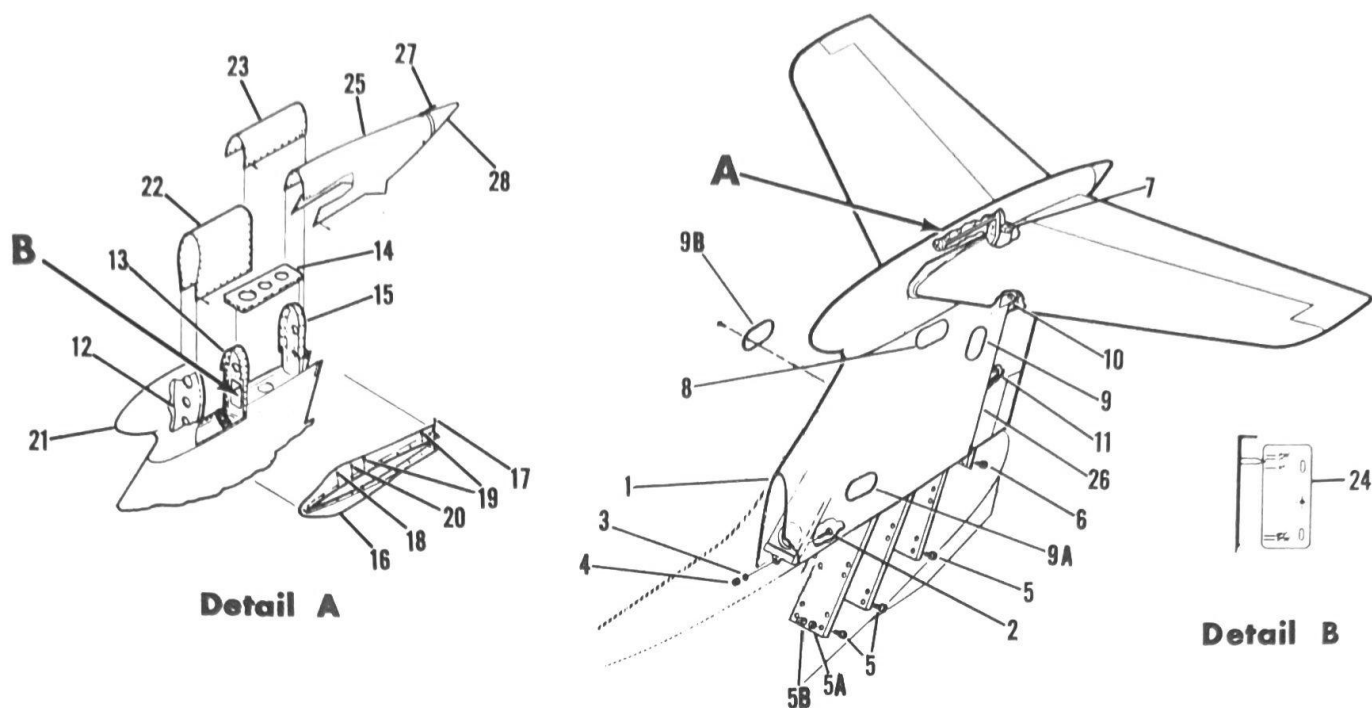


FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
18 -37	MS20392-2C17	• PIN-CLEVIS -----	3		
-38	AA226-1	• BUSHING -----	4		
-39	AN165A32RS	• TURNBUCKLE -----	2		
-40	AN316-4R	• NUT -----	2		
-41	2311296-002	• TUBE -----	1		
-42	AN316-4L	• NUT -----	2		
-43	AN165H32LS	• TURNBUCKLE -----	2		
-44	2311293-001	• BELL CRANK ASSEMBLY -----	1		
-45	2311296-001	• TUBE -----	1		
-46	2311291-001	• LATCH ASSEMBLY-SECONDARY -----	1		
	2311291-006	• • PIN-RETAINER -----	1		
-47	2311291-007	• • RETAINER-SPRING -----	1		
-48	2311294-002	• • SPRING -----	1		
-49	NAS561P4-12	• • PIN-SPRING -----	1		
-50	2311291-002	• • HOUSING -----	1		
	AN509-8R9	A • • SCREW -----	3		
	AN960-8	A • • WASHER -----	3		
	MS20364-832	A • • NUT -----	3		
-51	2311294-001	• • SPRING -----	1		
-52	2311291-003	• • BOLT-LATCH -----	1		
-53	2311302-001	• SHAFT-HANDLE -----	1	AC	
-53A	2381403-006	• SHAFT-HANDLE -----	1	AD	
-54	2311680-001	• HOOK-DOOR SAFETY CATCH -----	1	D	
	2311005-014	• HOOK-DOOR SAFETY CATCH -----	1	E	
	AN509-10R12	A • • SCREW -----	1	E	
	NAS76A3-008	A • BUSHING INNER -----	1	E	
	2311005-010	A • BUSHING OUTER -----	1	E	
	MS20365-1032	A • NUT -----	1	E	
-55	MS24586-46	• SPRING -----	1		
-56	2311665-001	• STOP -----	2	D	
	NAS221-10	A • • SCREW -----	4	D	
-57	NAS221-23	• SCREW -----	2	D	
-58	NAS43DD3-71	• SPACER -----	2	D	
-59	AN970-3	• WASHER -----	2	D	
-60	2311682-002	• SCREW -----	1	D	
-61	2311682-003	• SPACER -----	1	D	
-62	AN960PD416L	• WASHER -----	2	D	
-63	2311682-006	• PULLEY -----	2	D	
-64	AN960-516L	• WASHER -----	1	D	
-65	MS20364-524	• NUT -----	2	D	
-66	AN960-516L	• WASHER -----	2	D	
-67	AN5-12A	• BOLT -----	2	D	
-68	MS20220-1	• PULLEY -----	2	D	
	AN5-12A	A • BOLT -----	2	D	
	AN960-416L	A • WASHER -----	2	D	
	MS20364-524	A • NUT -----	2	D	
-69	ML1710	• REEL ASSEMBLY -----	2	D	
	NAS221-24	A • SCREW -----	2	D	
	2311682-001	A • SHAFT -----	2	D	
	AN970-3	A • WASHER -----	2	D	
		• CABLE INSTALLATION-FORWARD DOOR -----	1		
-70	2381152-002	• • CABLE ASSY-FORWARD DOOR -----	1	J	
	2311660-002	• • CABLE ASSY-FORWARD DOOR -----	1	P	
	2311660-010	• • CABLE ASSY-FORWARD DOOR -----	1	Q	
	AN24-15	A • • BOLT UPPER ATTACHMENT -----	1	J	
	NAS221-22	A • • SCREW UPPER ATTACHMENT -----	1	P	
	AN960-416	A • • WASHER UPPER ATTACHMENT -----	2		
	AN960-416L	A • • WASHER UPPER ATTACHMENT -----	2		
	MS20365-428C	A • • NUT UPPER ATTACHMENT -----	1	J	
	MS20365-1032	A • • NUT UPPER ATTACHMENT -----	1	P	
	AN509-10R13	A • • SCREW LOWER ATTACHMENT -----	2	J	
-82	NAS670-37	• RETAINER -----	1		
-83	AN960-616L	• WASHER -----	3	AC	
-83A	AN960-616L	• WASHER -----	1	AD	
-84	NMC557-6C	• GROMMET -----	1	AC	
-85	NAS561-4-10	• PIN-SPRING -----	1	AC	
-85A	NAS561P4-8	• PIN-SPRING -----	1	AD	
-86	2311302-006	• SPRING -----	1		
-86A	2311503-002	• TUBE ASSEMBLY-ELEC CONDUIT -----	1		
-86B	FF-520-10	• BUSHING -----	1	AD	
-86C	2411223-004	• WASHER -----	1	AD	
-86D	2311340-005	• BUSHING -----	1	AD	
-86E	MS24585-1500	• SPRING -----	1	AD	
		• HOOK MECHANISM INSTL-LOWER DOOR -----	1		
-87	2380053-001	• • ACTUATOR ASSY-CABIN DOOR LOCK FOR SPARES ORDER 2481107-001 OR -002 SPECIAL SPARE KIT REF INDEX 200 -----	1	V	
-88	NAS221-8	A • • SCREW -----	2	W	
	AN3-4A	A • • BOLT -----	4	X	
-89	2380072-001	• • ACTUATOR ASSY-CABIN DOOR LOCK WHEN EXHAUSTED USE 2380115-014 -----	1	040	
		CONTINUED			
		A---ATTACHING PARTS			



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
18 -	2380115-014	. . ACTUATOR ASSY-CABIN DOOR LOCK WHEN EXHAUSTED USE 2380115-015 -----	1	K	
	2380115-015	. . ACTUATOR ASSY-CABIN DOOR LOCK WHEN EXHAUSTED USE 6600233-001 -----	1	L	
	6600233-001	. . ACTUATOR ASSY-CABIN DOOR LOCK -----	1	AE	
-90	NAS221-39	A . . SCREW -----	2	Y	
-91	2311309-002	. . PLATE-RETAINING -----	2		
-92	AN500A8-8	A . . SCREW -----	4		
-93	7387	A . . WASHER-SPRING -----	4		
-97	2311307-001	. . ECCENTRIC -----	1		017
-98	2311307-002	. . ECCENTRIC -----	1	018	
	MS20392-2C31	A . . PIN-CLEVIS -----	1	018	
	AN960-10	A . . WASHER -----	1	018	
	MS24665-130	A . . PIN-COTTER -----	1	018	
-99	2311306-001	. . ECCENTRIC -----	1	Z	
-100	2311306-002	. . ECCENTRIC -----	1	M	
	2481108-001	. . ECCENTRIC -----	1	A	
	2311306-003	. . ECCENTRIC -----	1	N	
	2311306-004	. . ECCENTRIC -----	1	045	
	MS20392-2C31	A . . PIN-CLEVIS -----	1	C	
	AN960-10	A . . WASHER -----	1	C	
	MS24665-130	A . . PIN-COTTER -----	1	C	
-101	2311305-349-1	. . HOOK -----	2		017
-101A	Q-8285	. . NEEDLE-BEARING HOOK -----	90		017
-102	2311308-002	. . HOOK ASSEMBLY -----	2	018	
	2311308-007	. . HOOK ASSEMBLY ALT FOR 2311308-002 -----	2	018	
	B-166	. . BEARING-NEEDLE -----	2	018	
-103	2311305-010	. . BLOCK ASSEMBLY-BEARING AFT -----	1		
-104	NAS221-11	A . . SCREW -----	3		
-105	NAS221-16	A . . SCREW -----	3		
-106	AN960-10L	A . . WASHER -----	6		
-107	MS20364-1032	A . . NUT -----	6		
-108	2311305-009	. . BLOCK ASSEMBLY-BEARING FWD -----	1		
-109	NAS221-11	A . . SCREW -----	3		
-110	NAS221-16	A . . SCREW -----	3		
-111	AN960-10L	A . . WASHER -----	6		
-112	MS20364-1032	A . . NUT -----	6		
-124	B-1210	. . BEARING-NEEDLE BRG BLOCK -----	2		
-125	2311305-002	. . TUBE TORQUE FOR SPARES USE 2311305-022 -----	1		
	2311305-022	. . TUBE TORQUE -----	1		
-126	NAS464-4-15	A . . BOLT -----	4		
-127	AN960-416	A . . WASHER -----	8		
-128	MS20364-428	A . . NUT -----	4		
-129	2311305-011	. . PLUG -----	1	AF	
	2311305-026	. . PLUG -----	1	AG	
-130	2311305-011	. . PLUG -----	1	C	
-200	2481107-001	. KIT-CABIN DOOR LOCK ACTUATOR REPLACEMENT REF SSK909 INSTL INSTRUCTIONS -----	1	003	017
	2481107-002	. KIT-CABIN DOOR LOCK ACTUATOR REPLACEMENT REF SSK909 INSTL INSTRUCTIONS -----	1	018	039
		# MAKE FROM S-308 TRIM ON INSTALLATION			
	NOTE 1	FOR A/C NOT MOD PER ECR 233, ECR 230 OR ECR 227, THIS PART IS TO BE REPLACED BY INSTALLING PARTS MARKED WITH AN ASTERISK ON THIS FIGURE & FIGURE 16			
	A	003 THRU 017 WHEN 2481107-001 OR -002 SPECIAL SPARE KIT IS INSTALLED			
	B	SPARES FOR 2311273-002			
	C	018 & ON & PREV A/C WITH 2481107-001 SPECIAL SPARE KIT INSTALLED			
	D	028A & 030 & ON			
	E	003 THRU 029 EXCEPT 028A			
	F	003 THRU 059 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 277 OR ECR 381			
	G	060 & ON EXCEPT A/C MOD PER ECR 230 OR ECR 227			
	H	003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381			
	J	003 THRU 029 WHEN MOD PER SK23-117			
	K	SPARES FOR 2380072-001			
	L	SPARE FOR 2380115-014			
	M	018 THRU 039 EXCEPT A/C WITH 2481107-002			
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
18 -		1 2 3 4 5 6 7			
	N	SPECIAL SPARE KIT INSTALLED			
		040 THRU 044 & 018 THRU 039 WHEN 2481107			
	P	-002 SPECIAL SPARE KIT IS INSTALLED			
		028A & 030 THRU 089 EXCEPT A/C MOD PER			
	Q	SK23-162			
		090 & ON & 028A & A/C MOD PER SK23-162			
	S	090 & ON & 028A & A/C MOD PER SK23-162			
		EXCEPT A/C MOD PER SK23/24/25-312			
	T	003 & ON WHEN MOD PER SK23/24/25-312			
	U	090 & ON & A/C MOD PER SK23-162 OR			
		SK23/24/25-312			
	V	003 THRU 039 EXCEPT A/C WITH 2481107-001			
		OR -002 SPECIAL SPARE KIT INSTALLED			
	W	003 THRU 035 EXCEPT A/C WITH 2481107-001			
		OR -002 SPECIAL SPARE KIT INSTALLED			
	X	036 THRU 039 EXCEPT A/C WITH 2481107-002			
		SPECIAL SPARE KIT INSTALLED			
	Y	040 & ON & PREV A/C WITH 2481107-001 OR			
		-002 SPECIAL SPARE KIT INSTALLED			
	Z	003 THRU 017 EXCEPT A/C WITH 2481107-001			
		SPECIAL SPARE KIT INSTALLED			
	AA	050 & ON EXCEPT A/C MOD PER AMK74-2			
	AB	050 & ON WHEN MOD PER AMK74-2			
	AC	003 & ON EXCEPT A/C MOD PER AMK74-2			
	AD	003 & ON WHEN MOD PER AMK74-2			
	AE	003 THRU 039 WHEN 2481107-001 OR -002			
		SPECIAL SPARE KIT IS INSTALLED			
		& SPARE FOR 2380115-015			
	AF	018 & ON EXCEPT A/C MOD PER AAK71-1			
	AG	018 & ON WHEN MOD PER AAK71-1			
		A---ATTACHING PARTS			

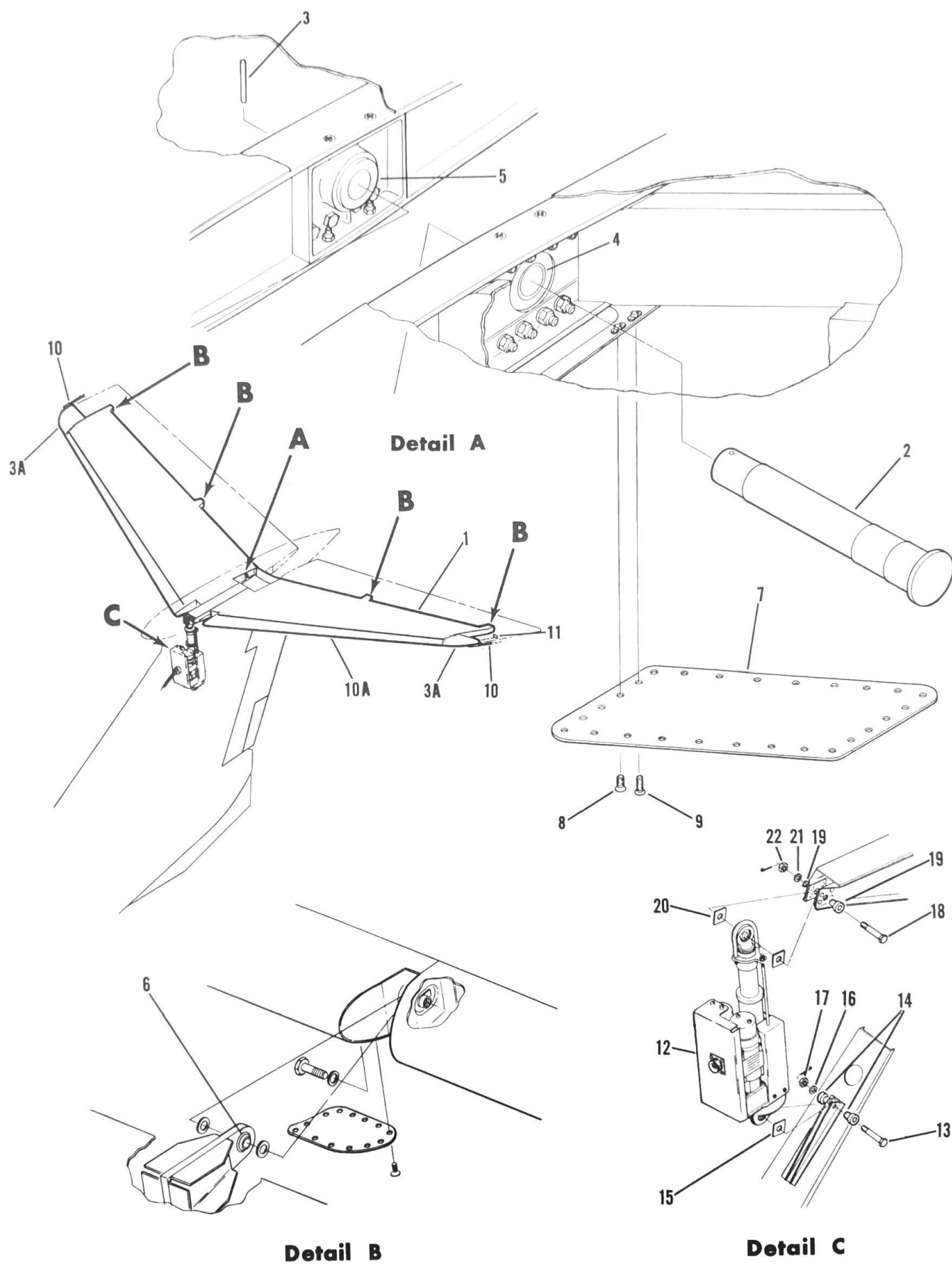


A5-10C  
B5-6B

Figure 19. Empennage Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
19 -		1 2 3 4 5 6 7			
	SEE FIGURE 20	EMPENNAGE INSTALLATION			
	SEE FIGURE 21	• STABILIZER INSTALLATION-HORIZONTAL -----	1		
	SEE FIGURE 22	• ELEVATOR INSTALLATION -----	1		
-1	2331001-002	• RUDDER INSTALLATION -----	1		
-2	NAS221-9	• STABILIZER ASSEMBLY-VERTICAL -----	1		
-3	AN960-10	A • SCREW -----	1		
-4	MS20365-1032	A • WASHER -----	1		
-5	AN4-6A	A • NUT -----	1		
-5A	AN960-416	A • BOLT -----	24		
-5B	MS20365-428C	A • WASHER -----	24		
-6	AN4-4A	A • NUT -----	4		
	AN960-416	A • BOLT -----	4		
	MS20365-428C	A • WASHER -----	4		
-7	2331025-005	A • NUT -----	4		
	2331025-006	• BUSHING-HINGE LH -----	1		
-8	2331023-004	• BUSHING-HINGE RH -----	1		
	AN509-8R6	• DOOR-ACCESS -----	1		
-9	2331032-004	A • SCREW -----	16		
	2331038-004	• DOOR-ACCESS -----	1		
-9A	AN509-8R4	• DOOR - ACCESS -----	1	H	
	2331037-004	A • SCREW -----	14		
-9B	AN509-8R7	• DOOR-ACCESS -----	1	F	
	2331060-004	• DOOR-ACCESS -----	1	F	
-10	AN509-8R4	• DOOR-ACCESS -----	1	G	
	2331030-010	A • SCREW -----	14	F	
	B100T-6-3	• HINGE ASSEMBLY-RUDDER UPPER -----	1		
-11	AN201KP4A	A • BOLT -----	2		
	2331031-008	• BEARING -----	1		
	B100T-6-4	• HINGE ASSEMBLY-RUDDER CENTER -----	1		
-12	AN201KP4A	A • BOLT -----	4		
	2331019-011	• BEARING -----	1		
-13	2331056-002	• BULKHEAD ASSEMBLY-FAIRING FWD -----	1		015
	2331020-005	• BULKHEAD ASSEMBLY-FAIRING FWD -----	1	016	015
-14	2331020-011	• BULKHEAD ASSEMBLY-FAIRING -----	1	016	015
	2331021-001	• RIB ASSEMBLY-FAIRING -----	1	016	015
	2331022-012	• RIB ASSEMBLY-FAIRING -----	1	016	015
-15	2331021-009	• BULKHEAD ASSEMBLY-FAIRING -----	1	016	015
	2331021-004	• BULKHEAD ASSEMBLY-FAIRING -----	1	016	015
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
19 -16	2332021-007	• FAIRING-HORIZONTAL STABILIZER LH WHEN EXHAUSTED USE 2332021-017 -----	1		
	2332021-017	• FAIRING-HORIZONTAL STABILIZER LH -----	1	K	
	2332021-008	• FAIRING-HORIZONTAL STABILIZER RH WHEN EXHAUSTED USE 2332021-018 -----	1		
	2332021-018	• FAIRING-HORIZONTAL STABILIZER RH -----	1	J	
-17	AN509-10R14	A • SCREW -----	8		
-18	AN509-10R8	A • SCREW -----	12		
-19	AN509-10R12	A • SCREW -----	20		
-20	AN509-10R16	A • SCREW -----	4		
	NAS11690D10L	A • WASHER -----	AR		
-21	2331017-001	• FAIRING-BULLET FWD -----	1		015
	2331017-012	• FAIRING ASSEMBLY-BULLET FWD -----	1	016	
	AN509-8R8	A • SCREW -----	61		015
-22	2331017-008	• FAIRING ASSEMBLY-WELD WHEN EXHAUSTED USE 2331017-022 -----	1	016	
	2331017-022	• FAIRING ASSEMBLY -----	1	B	
	AN509-8R8	A • SCREW -----	52	016	
-23	2331024-002	• FAIRING ASSEMBLY-BULLET CENTER -----	1		015
	2331054-002	• FAIRING-BULLET CENTER -----	1	016	
	AN509-8R8	A • SCREW -----	42		015
-24	2331001-016	• PLATE-RIGGING -----	1	050	
	AN515-6R8	A • SCREW -----	2	050	
	MS20341-6	A • NUT -----	2	050	
-25	2331018-001	• FAIRING-BULLET AFT SECTION -----	1	C	
	2331050-002	• FAIRING-BULLET AFT SECTION -----	1	D	
	2331050-026	• FAIRING ASSY-BULLET AFT SECTION -----	1	E	
	2331050-025	• • FAIRING-BULLET AFT SECTION -----	1	E	
	2488502-012	• • BULKHEAD ASSY-BULLET AFT -----	1	E	
	AN509-8R7	A • SCREW -----	42		015
	AN509-8R9	A • SCREW -----	8	016	
	AN509-8R8	A • SCREW -----	13	016	
	AN3-3A	A • BOLT -----	2	016	
-26	S-905	• PLATE-IDENTIFICATION -----	1	030	
-27	DAP14775-5	• DISCHARGER-STATIC -----	1	A	
-28	SEE FIGURE 151	• NAVIGATION LIGHT INSTL-TAIL -----	REF		
		A 040 & ON & A/C MOD PER SK23-99			
		B SPARE FOR 2331017-008			
		C 003 THRU 015 EXCEPT A/C EQUIPPED WITH STROBE LIGHT IN BULLET STINGER THAT HAS A BULLET FAIRING LENS			
		D 016 & ON EXCEPT A/C EQUIPPED WITH STROBE LIGHT IN BULLET STINGER THAT HAS A BULLET FAIRING LENS			
		E 003 & ON WHEN STROBE LIGHT WITH BULLET FAIRING LENS IS INSTALLED			
		F 003 THRU 099 WHEN EQUIPPED WITH HORIZ STABILIZER ANTI-ICE OR WHEN MOD PER SSK918			
		G 003 THRU 099 EXCEPT A/C EQUIPPED WITH HORIZ STABILIZER ANTI-ICE & EXCEPT A/C MOD PER SSK918			
		H 003 THRU 099 WHEN MOD PER SSK918			
		J SPARE FOR 2332021-008			
		K SPARE FOR 2332021-007			
		A---ATTACHING PARTS			



8-8C  
A8-7C  
B8-14C  
C8-8C

Figure 20. Horizontal Stabilizer Installation

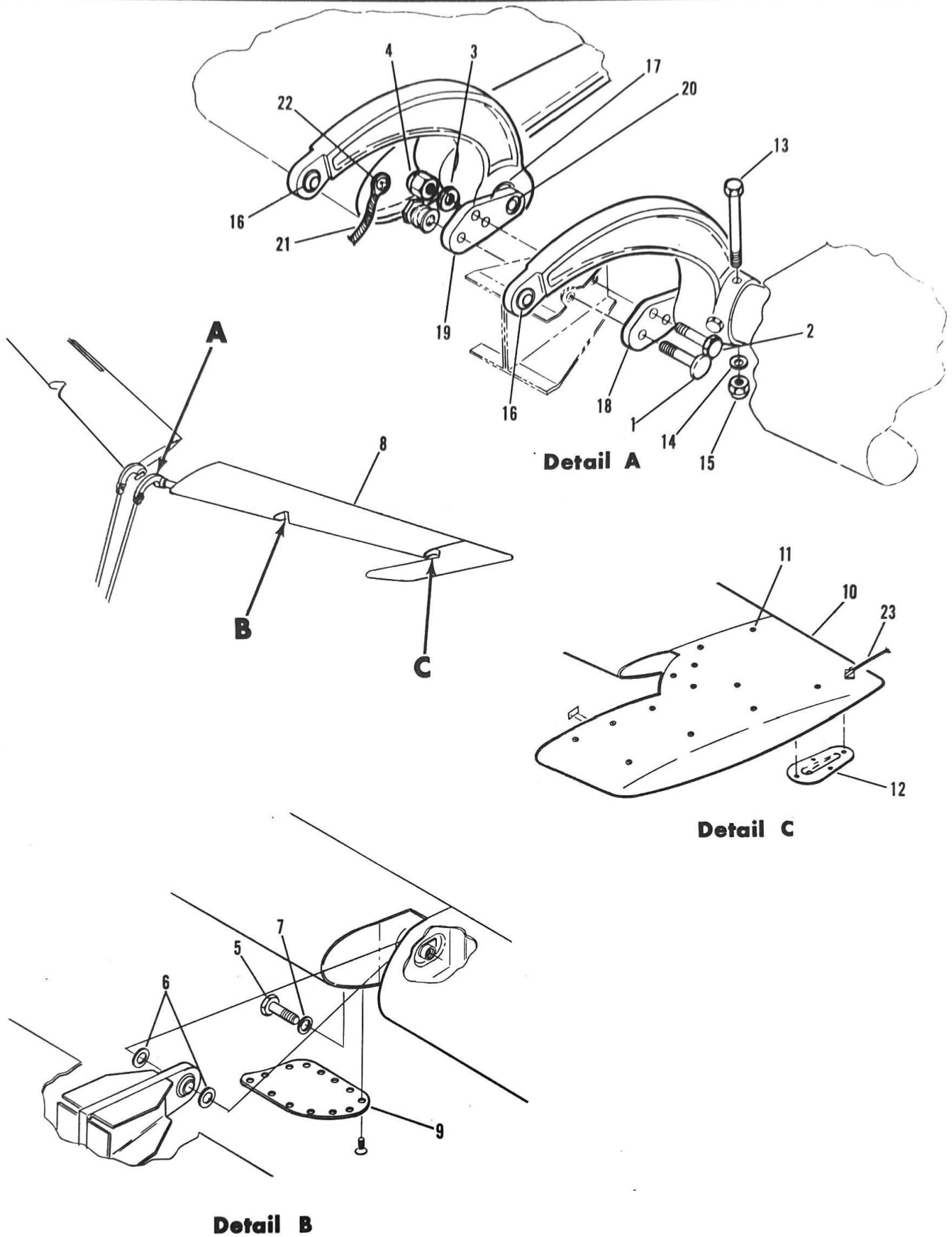
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				1 2 3 4 5 6 7	THRU
20 -		HORIZONTAL STABILIZER INSTALLATION			
-1	2332000-001	• STABILIZER ASSEMBLY-HORIZONTAL -----	1		
-2	2331028-001	A • PIN-HINGE WHEN EXHAUSTED USE			
		2331028-002 -----	1		049
	2331028-002	A • PIN-HINGE WHEN EXHAUSTED USE			
		2331028-003 -----	1	050	095
	2331028-003	A • PIN-HINGE SEE NOTE 1 WHEN			
		EXHAUSTED USE 2331028-004 -----	1	096	
	2331028-004	A • PIN-HINGE SEE NOTE 1 -----	1		
	2431000-002	A • STOP -----	1	096	
	AN6CH5A	A • BOLT -----	1	096	
	AN960C616	A • WASHER -----	1	096	
-3	NAS561-4-20	A • PIN-SPRING -----	1		095
-3A	2332014-001	• • TIP FAIRING-HORIZONTAL STABILIZER -----	2		
-4	DBS-F-18-130	• • BUSHING-LH -----	1		
	AJF18C-102	• • BUSHING-LH ALT FOR DBS-F-18-130 -----	1		
	YTS-280	• • BUSHING-LH ALT FOR DBS-F-18-130 -----	1		
-5	DBS-F-16-130	• BUSHING-RH -----	1		
	AJF16C-101	• • BUSHING-RH ALT FOR DBS-F-16-130 -----	1		
	YTS-281	• • BUSHING-RH ALT FOR DBS-F-16-130 -----	1		
	2332013-009	• • HINGE ASSY-OUTBD WHEN			
		EXHAUSTED USE 2332013-018 -----	2		
	2332013-018	• • HINGE ASSY-OUTBOARD -----	2	Y	
	2332018-010	• • HINGE ASSEMBLY-CENTER WHEN			
		EXHAUSTED USE 2332018-015 -----	2		
	2332018-015	• • HINGE ASSY-CENTER WHEN EXHAUSTED			
		USE 2332018-016 -----	2	V	
	2332018-016	• • HINGE ASSY-CENTER -----	2	X	
	B100T-5-4	A • • BOLT OUTBOARD HINGE -----	8		
	B100T-6-4	A • • BOLT CENTER HINGE -----	8		
-6	AN201KP4A	• • BEARING -----	1		
-7	2332000-033	• • COVER-LH -----	1		
	2332000-034	• • COVER-RH -----	1		
-8	AN509-8-10	A • • SCREW -----	16		
-9	AN509-8-9	A • • SCREW -----	12		
-10	DAP14684-1	• • DISCHARGER-STATIC -----	2	A	
-10A	4065-3481	• • BLANKET-HORIZONTAL STAB ICE GUARD -----	2	W	
-11	S-905	• • PLATE-IDENTIFICATION STAB ASSY -----	1	030	
		• SCREWJACK INSTALLATION-HOR STAB -----	1		
-12	9-1010	• • ACTUATOR ASSY SEE GATES LEARJET			
		CORP MANUAL 1711-1 FOR BREAKDOWN -----	1	U	
	6600041-007	• • ACTUATOR ASSY USE VENDOR ASSY NO			
		2332500-002 -----			
	2332500-002	• • ACTUATOR ASSY REF SPEC CONTROL			
		DWG NO 6600041-007 SEE GATES			
		LEARJET CORP MANUAL 1711-1 FOR			
		BREAKDOWN -----	1	B	
	6600041-008	• • ACTUATOR ASSY USE VENDOR ASSY NO			
		2332500-001 -----			
	2332500-001	• • ACTUATOR ASSY REF SPEC CONTROL			
		DWG NO 6600041-008 SEE GATES			
		LEARJET CORP MANUAL 1711-1 FOR			
		BREAKDOWN -----	1	C	
	6600041-009	• • ACTUATOR ASSY USE VENDOR ASSY NO			
		2332500-003 -----			
	2332500-003	• • ACTUATOR ASSY REF SPEC CONTROL			
		DWG NO 6600041-009 SEE GATES			
		LEARJET CORP MANUAL 1711-1 FOR			
		BREAKDOWN -----	1	D	
	6600041-010	• • ACTUATOR ASSY USE VENDOR ASSY NO			
		2332500-004 -----			
	2332500-004	• • ACTUATOR ASSY REF SPEC CONTROL			
		DWG NO 6600041-010 SEE GATES			
		LEARJET CORP MANUAL 1711-1 FOR			
		BREAKDOWN -----	1	E	
	6600041-011	• • ACTUATOR ASSY USE VENDOR ASSY NO			
		2332500-005 -----			
	2332500-005	• • ACTUATOR ASSY REF SPEC CONTROL			
		DWG NO 6600041-011 SEE GATES			
		LEARJET CORP MANUAL 1711-1 FOR			
		BREAKDOWN -----	1	F	
	2331530-435-1	• • ACTUATOR ASSY SEE GATES LEARJET			
		CORP MANUAL 1711-1 FOR BREAKDOWN -----	1	G	
	2331530-470-1	• • ACTUATOR ASSY SEE GATES LEARJET			
		CORP MANUAL 1711-1 FOR BREAKDOWN -----	1	H	
	2331530-508-2	• • ACTUATOR ASSY SEE GATES LEARJET			
		CORP MANUAL 1711-1 FOR BREAKDOWN -----	1	J	
	2331530-508-3	• • ACTUATOR ASSY SEE GATES LEARJET			
		CORP MANUAL 1711-1 FOR BREAKDOWN -----	1	K	
	2331530-508-4	• • ACTUATOR ASSY SEE GATES LEARJET			
		CORP MANUAL 1711-1 FOR BREAKDOWN -----	1	L	
		CONTINUED			
		A---ATTACHING PARTS			



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
20 -	2331530-508-5	. . ACTUATOR ASSY SEE GATES LEARJET CORP MANUAL 1711-1 FOR BREAKDOWN -----	1	M	
	2331530-543-1	. . ACTUATOR ASSY SEE GATES LEARJET CORP MANUAL 1711-1 FOR BREAKDOWN -----	1	N	
	2331530-573-1	. . ACTUATOR ASSY SEE GATES LEARJET CORP MANUAL 1711-1 FOR BREAKDOWN -----	1	P	
	2332540-003	. . ACTUATOR ASSY SEE GATES LEARJET CORP MANUAL 1711-2 FOR BREAKDOWN WHEN EXHAUSTED USE 2332540-012 -----	1	Q	
	2332540-006	. . ACTUATOR ASSY SEE GATES LEARJET CORP MANUAL 1711-2 FOR BREAKDOWN WHEN EXHAUSTED USE 2332540-012 -----	1	R	
	2332540-007	. . ACTUATOR ASSY SEE GATES LEARJET CORP MANUAL 1711-2 FOR BREAKDOWN WHEN EXHAUSTED USE 2332540-012 -----	1	S	
	2332540-012	. . ACTUATOR ASSY SEE GATES LEARJET CORP MANUAL 1711-2 FOR BREAKDOWN WHEN EXHAUSTED USE 2393004-001 SPECIAL SPARE KIT -----	1	T	
	2393004-001	. . KIT-ACTUATOR SPECIAL SPARE -----	1	Z	
	2332540-020	. . . ACTUATOR ASSY SEE GATES LEARJET CORP MANUAL 1711-2 FOR BREAKDOWN -----	1	AA	
-13	NAS464P6-22	A . . BOLT -----	1		
-14	NAS77-6-22	A . . BUSHING -----	2		
-15	2331530-002	A . . SPACER -----	2		
-16	AN960D616L	A . . WASHER -----	1		
-17	AN320-6	A . . NUT -----	1		
	MS24665-283	A . . PIN-COTTER -----	1		
-18	NAS464P6-23	A . . BOLT -----	1		
-19	NAS77-6-25	A . . BUSHING -----	2		
-20	2331530-002	A . . SPACER -----	2		
-21	AN960D616	A . . WASHER -----	1		
-22	AN320-6	A . . NUT -----	1		
	MS24665-283	A . . PIN-COTTER -----	1		
	NOTE 1	WHEN ORDERING THIS PART FOR A/C PRIOR TO 096 ALSO ORDER 2431000-002, AN960C616 & AN6CH5A			
	A	040 & ON & A/C MOD PER SK23-99			
	B	005, 008, 010, 013 & 021 EXCEPT A/C MOD PER KIT B OF SK23/24-224A OR ECR 233			
	C	016 EXCEPT A/C MOD PER KIT B OF SK23/24-224A OR ECR 233			
	D	030 & 040 EXCEPT A/C MOD PER KIT B OF SK23/24-224A, ECR 233 OR ECR 230			
	E	018 & 045A EXCEPT A/C MOD PER KIT B OF SK23/24-224A, ECR 233 OR ECR 230			
	F	034 & 062 EXCEPT A/C MOD PER KIT B OF SK23/24-224A, ECR 233 OR ECR 230			
	G	009, 017, 020, & 022 THRU 027 EXCEPT A/C MOD PER KIT B OF SK23/24-224A, OR ECR 233			
	H	029, 033, 036, 041, 044, 045 & 046 EXCEPT A/C MOD PER KIT B OF SK23/24-224A ECR 233 OR ECR 230			
	J	037, 057 & 066 EXCEPT A/C MOD PER KIT B OF SK23/24-224A, ECR 233, ECR 230			
	K	039 & 047 EXCEPT A/C MOD PER KIT B OF SK23/24-224A, ECR 233 OR ECR 230			
	L	053 EXCEPT A/C MOD PER KIT B OF SK23/24-224A OR ECR 230			
	M	052 EXCEPT A/C MOD PER KIT B OF SK23/24-224A OR ECR 230			
	N	049, 050A, 058 & 065A EXCEPT A/C MOD PER KIT B OF SK23/24-224A OR ECR 230			
	P	014, 056, 059, 064, 068 THRU 086, 088 THRU 095, 097 & 099 EXCEPT A/C MOD PER KIT B OF SK23/24-224A OR ECR 233, ECR 230 OR ECR 227			
	Q	038 & A/C MOD PER KIT B OF SK23/24-224A OR ECR 233, ECR 230, ECR 227 OR ECR 381 EXCEPT A/C MOD PER SB23/24-158			
	R	006 ONLY			
	S	011, 012, 015, 019, 028, 031, 035, 043, 050, 051, 054, 055, 060, 065, 067, 087, 096 & 098 & A/C MOD PER SB23/24-158			
	T	REPLACEMENT FOR 2332540-003, -006 OR -007 ACTUATOR ASSYS			
		CONTINUED			
		A---ATTACHING PARTS			



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON		
		1 2 3 4 5 6 7		THRU		
20 -	U	003 ONLY EXCEPT WHEN MOD PER KIT B OF SK23/24-224A OR ECR 233				
	T	SPARE REPLACEMENT FOR 2332540-003, -006, OR -007 ACTUATOR ASSYS ONLY				
	V	SPARE FOR 2332018-010				
	W	003 & ON WHEN EQUIPPED WITH HORIZONTAL STABILIZER ANTI-ICE				
	X	SPARE FOR 2332018-015				
	Y	SPARE FOR 2332013-009				
	Z	SPARE FOR 2332540-003, -006, -007 OR -012 ACTUATOR				
	AA	COMPONENT OF 2393004-001 KIT				
		A---ATTACHING PARTS				



14-42C  
A8-14C-1  
B8-14C  
C8-14C-1

Figure 21. Elevator Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
21 -		ELEVATOR INSTALLATION		A	
-1	HL6687-8-11	. FASTENER ASSY -----	2	A	
-2	NAS464P3A11	. BOLT -----	1	A	
-3	AN960D10	. WASHER -----	1	A	
-4	MS21042	. NUT -----	1	A	
	CONFIGURATION A	. ELEVATOR ASSY-LH FOR SPARES ORDER			
		2393001-001 SPECIAL SPARE KIT			
		REF INDEX 100 -----	1	B	
	2393001-003	. ELEVATOR ASSY-LH -----	1	D	
	CONFIGURATION B	. ELEVATOR ASSY-RH FOR SPARES ORDER			
		2393001-002 SPECIAL SPARE KIT			
		REF INDEX 101 -----	1	C	
	2393001-004	. ELEVATOR ASSY-RH -----	1	E	
-5	AN4H11A	A . BOLT -----	4	A	
-6	AN960-416L	A . WASHER -----	8	A	
	2334001-142	A . SHIM-LAMINATED ALT FOR AN960-416L -----	8	A	
-7	AN960-416	A . WASHER -----	4	A	
-8	2334001-102	. . STRUCTURE ASSY-ELEVATOR LH FOR			
		SPARES ORDER 2393001-001 SPECIAL			
		SPARE KIT REF INDEX 100 -----	1	F	
	CONFIGURATION C	. . STRUCTURE ASSY-ELEVATOR LH -----	1	G	
	2334001-135	. . STRUCTURE ASSY-ELEVATOR RH FOR			
		SPARES ORDER 2393001-002 SPECIAL			
		SPARE KIT REF INDEX 101 -----	1	H	
	CONFIGURATION D	. . STRUCTURE ASSY-ELEVATOR RH -----	1	J	
-9	2334001-126	. . . DOOR-ACCESS -----	1	K	
	2434001-029	. . . DOOR-ACCESS -----	1	L	
	AN509-8R6	A . . . SCREW -----	8	A	
-10	2334001-101	. . . TIP ASSY-ELEVATOR -----	1	K	
	2434002-001	. . . TIP ASSY-ELEVATOR -----	1	L	
-11	AN509-8R6	A . . . SCREW -----	AR	A	
-12	2334001-133	. . . FAIRING -----	3	K	
	2434001-032	. . . FAIRING -----	3	L	
	2331511-015	. . . BELLCRANK ASSY-LH -----	1	A	
	2331511-016	. . . BELLCRANK ASSY-RH -----	1	A	
-13	NAS464P4A32	A . . BOLT INBD -----	1	A	
	NAS464P4A30	A . . BOLT OUTBD -----	1	A	
-14	AN960PD416	A . . WASHER -----	2	A	
-15	MS20364-428	A . . NUT -----	2	A	
-16	BLFR-4-045	. . . BEARING -----	1	A	
	ABYT4	. . . BEARING ALT FOR BLFR-4-045 -----	1	A	
-17	MS27645-4A	. . . BEARING -----	1	A	
-18	2331511-011	. PLATE-LH -----	1	A	
-19	2331511-012	. PLATE-RH -----	1	A	
-20	HL18-8-9	A . PIN -----	2	A	
	NAS620-416L	A . WASHER -----	2	A	
	HL70-8	. COLLAR -----	2	A	
-21	MS25083-28B5	. JUMPER-BOND -----	2	A	
-22	NAS220-8	A . SCREW -----	2	A	
-23	6000	. DISCHARGER-STATIC -----	4	A	
-100	2393001-001	. KIT-ELEVATOR SPECIAL SPARE LH			
		REF SSK905 INSTL INSTRUCTIONS -----	1	A	
-101	2393001-002	. KIT-ELEVATOR SPECIAL SPARE LH			
		REF SSK905 INSTL INSTRUCTIONS -----	1	A	
		A 003 & ON			
		B 003 & ON EXCEPT A/C THAT HAVE INSTALLED			
		2393001-001 SPECIAL SPARE KIT PER SSK905			
		C 003 & ON EXCEPT A/C THAT HAVE INSTALLED			
		2393001-002 SPECIAL SPARE KIT PER SSK905			
		D 003 & ON WHEN 2393001-001 SPECIAL SPARE			
		KIT IS INSTALLED PER SSK905			
		E 003 & ON WHEN 2393001-002 SPECIAL SPARE			
		KIT IS INSTALLED PER SSK905			
		F COMPONENT OF CONFIGURATION A ELEVATOR			
		ASSY			
		G COMPONENT OF 2393001-003 ELEVATOR ASSY			
		H COMPONENT OF CONFIGURATION B ELEVATOR			
		ASSY			
		J COMPONENT OF 2393001-004 ELEVATOR ASSY			
		K COMPONENT OF 2334001-102 & -135 ELEVATOR			
		STRUCTURE ASSY			
		L COMPONENT OF CONFIGURATION C & D			
		ELEVATOR STRUCTURE ASSY			
		A---ATTACHING PARTS			

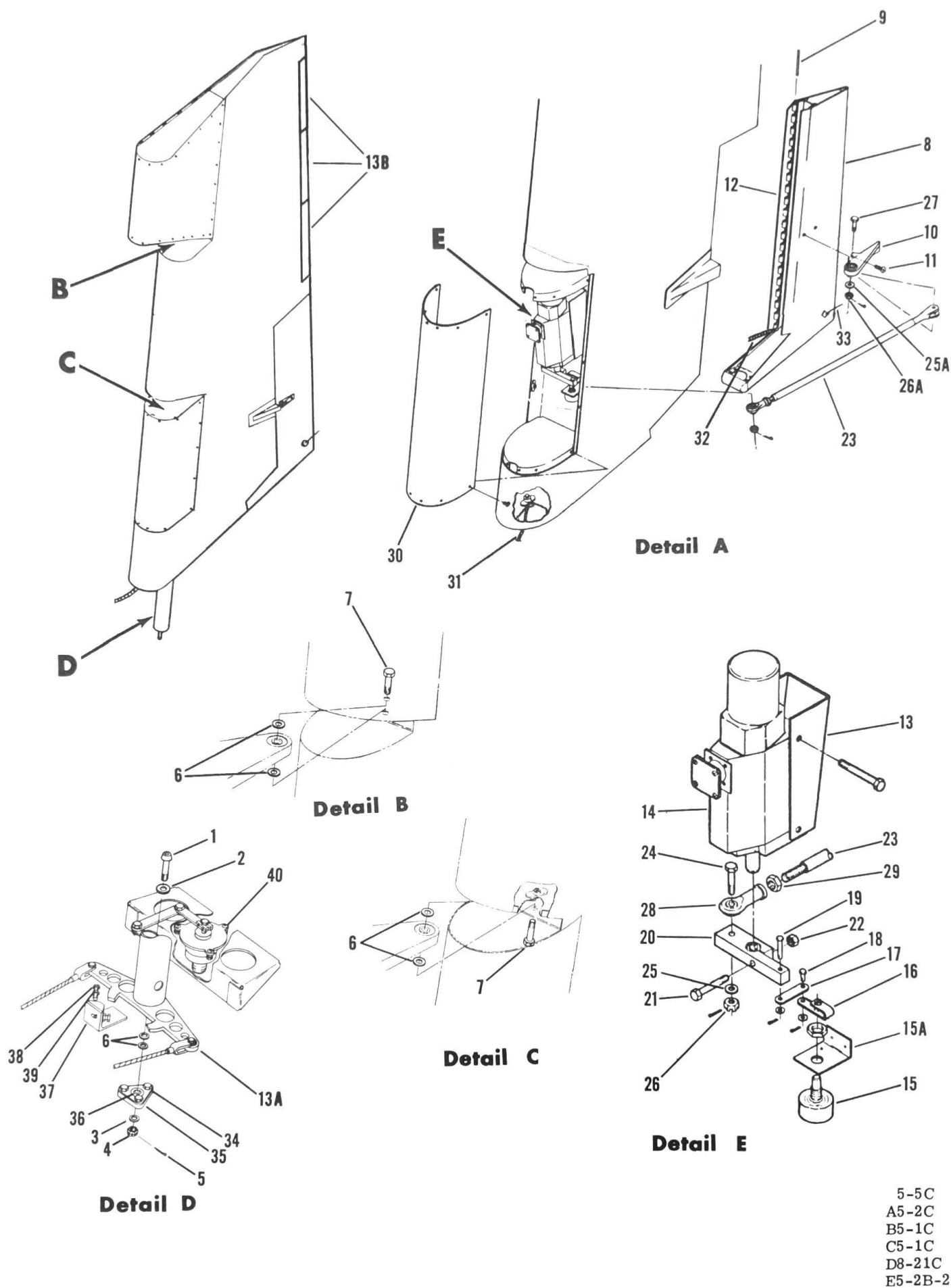


Figure 22. Rudder Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
22 -		RUDDER INSTALLATION		A	
		• RUDDER ASSY-COMplete FOR SPARES USE	1	B	
		2493000-016			
		• RUDDER ASSY-COMplete FOR SPARES USE	1	C	
		2493000-015			
		• KIT-RUDDER ASSY SPECIAL SPARE	1	B	
		• KIT-RUDDER ASSY SPECIAL SPARE	1	C	
-1	2493000-016	A • BOLT	1	A	
-2	2493000-015	A • WASHER	1	A	
-3	NAS144A-23	A • WASHER	1	A	
-4	MS20002C4	A • NUT	1	A	
-5	AN960-416	A • PIN-COTTER	1	A	
-6	AN310-4	A • WASHER	AR	A	
-7	MS24665-210	A • BOLT	2	A	
	AN960C416L	• STRUCTURE ASSY-RUDDER	1	D	
	AN4H6A	• STRUCTURE ASSY-RUDDER	1	E	
		• TAB ASSY-RUDDER TRIM	1	O	
-8	2493000-010	• TAB ASSY-RUDDER TRIM FOR SPARES	1	E	
	2333005-009	USE 2333009-020			
	2333009-019	• TAB ASSY-RUDDER TRIM	1	F	
		• PIN-HINGE	1	A	
-9	2333009-020	A • PIN-COTTER	2	A	
	MS20253P2-1816	• HORN-TRIM TAB	1	D	
	MS24665-5	• HORN ASSY-TRIM TAB	1	E	
-10	2324011-028	A • SCREW	1	D	
	2333009-006	A • SCREW	1	D	
-11	AN509-10R19	A • SCREW	3	E	
	AN509-10R23	A • FILLER-TAB HORN	2	D	
	NAS220-8	A • WASHER	2	E	
	2333005-012	A • NUT	2	D	
	AN960D8L	A • NUT	2	E	
	MS20364-1032	• BEARING	1	E	
	MS21042-08	• BEARING ALT FOR MS21233-4	1	D	
	MS21233-4	• HINGE HALF			
-12	BLFN-4-100	• HINGE ASSY WHEN EXHAUSTED USE	1	E	
	MS20001PH4-1816	2333009-018			
	2333009-010	• HINGE ASSY	1	J	
		• BRACKET ASSY-ACTUATOR SUPPORT	1	G	
-13	2333000-018	• ANGLE-ACTUATOR SUPPORT LH	1	H	
	2433001-009 *	• ANGLE-ACTUATOR SUPPORT RH	1	H	
	2433001-010 *	A • SCREW	6	A	
	NAS220-9	• BUSHING-RUDDER BELLCRANK	2	A	
-13A	DBS-4-30	• BUSHING ALT FOR DBS-4-30	2	A	
	AJ04C-125	• SPOILER-RUDDER TRAILING EDGE	AR	A	
-13B	2333000-041	• ACTUATOR ASSY-TRIM TAB FOR SPARES	1	G	
-14	2380027-001	USE 2396001-001			
		• KIT-SPECIAL SPARE RUDDER TRIM TAB	1	L	
	2396001-001	ACTUATOR REPLMT SEE NOTE 1			
	2380072-017	• ACTUATOR ASSY-TRIM TAB FOR SPARES	1	M	
		USE 2396001-002			
	2380072-027	• ACTUATOR ASSY-TRIM TAB FOR SPARES	1	P	
		USE 2396001-002			
	2396001-002	• KIT-SPECIAL SPARE RUDDER TRIM TAB	1	N	
		ACTUATOR REPLMT SEE NOTE 2			
		• ACTUATOR ASSY-TRIM TAB	1	Q	
	6600156-006	A • BOLT	4	M	
	AN4-22A	A • NUT	4	M	
	MS20364-428	A • BOLT	3	H	
	AN3-23A *	A • WASHER	3	H	
	AN960D10 *	A • NUT	3	H	
	MS20364-1032 *	• POTENTIOMETER-TRIM POSITION IND	1	E	
-15	CMU1021 *	• CLIP	1	E	
-15A	2433001-008 *	• ARM-POTENTIOMETER CONTROL	1	E	
-16	2324028-090 *	A • SCREW	1	E	
	AN515-8R12 *	A • WASHER	1	E	
	AN960-8L *	A • NUT	1	E	
	MS21042-8 *	• LINK-POTENTIOMETER CONTROL	1	S	
-17	2333000-035	• LINK-POTENTIOMETER CONTROL	1	R	
	2333008-005 *	A • PIN-CLEVIS	1	E	
-18	MS20392-1C7 *	A • PIN-CLEVIS	1	E	
-19	MS20392-1C17 *	A • WASHER	2	E	
	AN960D4 *	A • PIN-COTTER	2	R	
	MS24665-130 *	• ARM-ACTUATOR TRIM TAB	1	S	
-20	2333008-003	• ARM-ACTUATOR TRIM TAB	1	E	
	2333008-004 *	A • SCREW	1	R	
-21	AN515-8R18 *	A • NUT	1	A	
-22	MS21042-08 *	• PUSH ROD ASSY-TRIM TAB	1	A	
-23	2433003-001 *	A • BOLT	1	A	
-24	NAS464P4-13 *	A • WASHER	1	A	
-25	AN960-416L *	A • WASHER	1	A	
-25A	AN960-416L *	A • NUT	1	A	
-26	AN320-4 *				
CONTINUED					
A---ATTACHING PARTS					

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
22 -	MS24665-134 *	A . . PIN-COTTER -----	1	S	
-26A	AN320-4	A . . NUT -----	1	A	
-27	NAS464P4-8	A . . BOLT -----	1	A	
	MS24665-134	A . . PIN-COTTER -----	1	A	
-28	HFV-4	. . . ROD END CHROME PLATED BALL -----	1	A	
	REF-4T	. . . ROD END ALT FOR HFV-4 -----	1	A	
-29	AN316-4R	A . . NUT -----	1	A	
-30	2433000-010	. . . DOOR-ACTUATOR ACCESS -----	1	A	
	AN509-8R6	A . . SCREW -----	18	A	
-31	MS25083-28B5	. . . JUMPER-BOND -----	1	A	
	NAS220-8	A . . SCREW -----	1	A	
	MS21042-08	A . . NUT -----	1	A	
-32	MS25083-28B2	. . . JUMPER-BOND -----	1	A	
	AN509-8R6	A . . SCREW -----	1	A	
	MS21042-08	A . . NUT -----	1	A	
-33	6000	. . . DISCHARGER-STATIC -----	2	A	
-34	2312040-006	. . . PLATE-BEARING RETAINER -----	1	A	
-35	2312040-007	. . . BLOCK ASSY-BEARING -----	1	A	
	AN509-10R15	A . . SCREW -----	3	A	
	AN960D10	A . . WASHER -----	3	A	
	MS20365-1032	A . . NUT -----	3	A	
-36	BR-4	. . . BEARING -----	1	A	
-37	2312036-011	. . . MOUNT-STOP BOLT -----	1	A	
-38	NAS428H4-7	. . . BOLT-RUDDER POSITION STOP -----	2	A	
-39	AN316-4R	. . . NUT-BOLT LOCK -----	2	A	
-40	SEE FIGURE 86	. . . FOLLOW UP INSTALLATION-RUDDER -----	REF	U	
	NOTE 1	COMPONENTS OF 2396001-001 ARE MARKED			
	NOTE 2	WITH AN * OR A # SIGN			
		COMPONENTS OF 2396001-002 ARE MARKED			
		WITH A # SIGN			
	A	003 & ON			
	B	003 THRU 034 WHEN RUDDER IS EQUIPPED			
		WITH AN ACTUATOR THAT INCLUDES AN			
		INTERNALLY MOUNTED RUDDER TRIM POSITION			
		INDICATOR POTENTIOMETER			
	C	035 & ON & PREVIOUS A/C EQUIPPED WITH A			
		RUDDER ACTUATOR THAT HAS AN EXTERNALLY			
		MOUNTED RUDDER TRIM POSITION INDICATOR			
		POTENTIOMETER			
	D	003 & ON EXCEPT A/C MODIFIED PER ECR 233			
		ECR 230, ECR 227, ECR 277, OR ECR 381 &			
		EXCEPT A/C INSTALLED WITH 2493000-015 OR			
		2493000-016 OR A/C INSTALLED WITH			
		2396001-001 KIT PER SSK908 INSTALLATION			
		INSTRUCTIONS			
	E	003 & ON WHEN MODIFIED PER ECR 233,			
		ECR 230, ECR 227, ECR 277 OR ECR 381 &			
		ON A/C THAT HAVE INSTALLED 2493000-015			
		OR 2493000-016 KITS OR HAVE INSTALLED			
		2396001-001 KIT			
	F	SPARE FOR 2333009-019			
	G	003 THRU 034 EXCEPT A/C MODIFIED PER			
		ECR 233, ECR 277, & ECR 381 & EXCEPT A/C			
		THAT HAVE INSTALLED 2493000-015 OR			
		2493000-016 KITS OR 2396001-001 KIT PER			
		SSK908 INSTALLATION INSTRUCTIONS			
	H	035 & ON & A/C MODIFIED PER ECR 233,			
		ECR 227 OR ECR 381 & USED ON A/C THAT			
		HAVE INSTALLED 2493000-015 OR -016 KITS			
		OR 2396001-001 KIT PER SSK908 INSTL			
		INSTRUCTIONS			
	J	SPARE FOR 2333009-010			
	L	SPARE FOR 2380027-001			
	M	035 & ON EXCEPT A/C MODIFIED PER ECR 233			
		ECR 277 & ECR 381 & EXCEPT A/C THAT HAVE			
		2493000-015 OR -016 KITS INSTALLED OR			
		A/C THAT HAVE INSTALLED 2396001-002 KIT			
		PER SSK908 INSTL INSTRUCTIONS			
	N	SPARE FOR 2380072-017 & 2380072-027			
	P	003 & ON WHEN MODIFIED PER ECR 230			
		ECR 233, ECR 277 OR ECR 381 & EXCEPT A/C			
		THAT HAVE 2493000-015 OR -016 KITS			
		INSTALLED OR A/C THAT HAVE INSTALLED			
		2396001-002 KIT PER SSK908 INSTALLATION			
		INSTRUCTIONS			
	Q	003 & ON WHEN A/C HAVE 2493000-015 OR			
		2493000-016 KITS INSTALLED OR HAVE BEEN			
		CONTINUED			
	A---	ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
22 -		<p>MODIFIED BY 2396001-001 OR -002 KITS PER SSK908 INSTALLATION INSTRUCTIONS 003 &amp; ON WHEN MODIFIED PER ECR 230 ECR 233, ECR 227 &amp; ECR 381 &amp; EXCEPT A/C THAT HAVE 2493000-015 &amp; -016 KITS INSTALLED OR A/C THAT HAVE INSTALLED 2396001-001 KIT PER SSK908 INSTALLATION INSTRUCTIONS USED ON 2396001-001 KIT SEE REF FIGURE FOR USAGE</p> <p>A---ATTACHING PARTS</p>			



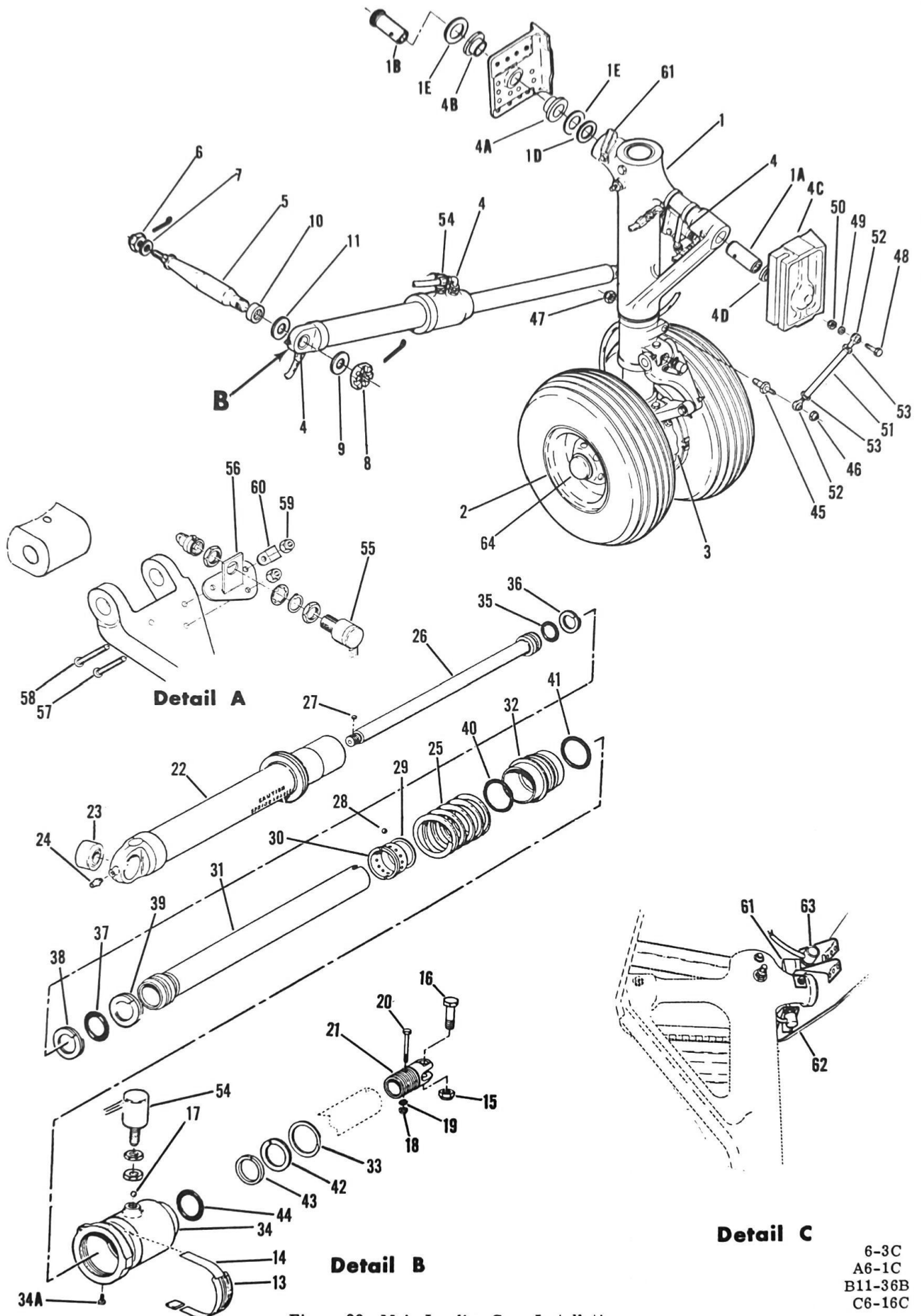


Figure 23. Main Landing Gear Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
23 -		1 2 3 4 5 6 7			
-1	SEE FIGURE 24	MAIN LANDING GEAR INSTALLATION LH -----	1		
-1A	SEE FIGURE 24	MAIN LANDING GEAR INSTALLATION RH -----	1		
-1B	SEE FIGURE 24	• STRUT ASSEMBLY-MAIN LANDING GEAR -----	1		
-1C	SEE FIGURE 24	A • PIN-TRUNION FWD -----	REF	F	
-1D	SEE FIGURE 24	A • PIN-TRUNION FWD -----	1	G	
-1E	SEE FIGURE 24	A • PIN-TRUNION AFT -----	REF	H	
-2	SEE FIGURE 25	A • PIN-TRUNION AFT -----	1	J	
-3	SEE FIGURE 26	A • WASHER -----	REF	H	
-4	SEE FIGURE 92	A • SHIM -----	REF	H	
	2341111-002	A • SHIM -----	1	J	
	2341110-001	A • SHIM -----	2	J	
	2441002-001	A • SHIM -----	2	A	
	2441002-001	• WHEEL ASSY-B F GOODRICH MAIN GEAR -----	2	B	
	2441002-001	• WHEEL ASSY-GOODYEAR MAIN GEAR -----	2	P	
	2441002-001	• BRAKE INSTL-B F GOODRICH -----	2	B	
	2441002-001	• BRAKE & TORQUE PLATE INSTL-GOODYEAR -----	2		
	2441002-001	• HYDRAULIC INSTALLATION-MAIN GEAR & WHEEL WELL -----	REF		
	2441002-001	• TIRE-TUBELESS 18X5.50 TYPE VII -----	2	A	
	2441002-001	• TIRE-TUBELESS 18X5.50 TYPE VII -----	2	B	
	2441002-001	10 PLY 180 MPH ALT FOR -----	2	B	
	2441002-001	18 X 5.50 TYPE VII -----	2	B	
	2441002-001	• TIRE-TUBELESS 18 X 5.50 TYPE VII -----	2		
	2441002-001	10 PLY 200 MPH ALT FOR -----	2		
	2441002-001	180 MPH TIRE -----	2		
	2441002-001	• FITTING ASSY-MAIN GEAR AFT LH -----	1		
	2441002-001	• FITTING ASSY-MAIN GEAR AFT RH -----	1		
	2441002-001	• BUSHING FWD -----	1		
	2441002-001	• BUSHING AFT -----	1		
	2441002-001	• FITTING-MAIN GEAR FWD LH SEE NOTE 1 -----	1		
	2441002-001	• FITTING-MAIN GEAR FWD RH SEE NOTE 1 -----	1		
	2441002-001	• BEARING -----	1		
	2441002-001	• PILLAR WHEN EXHAUSTED USE -----	2		
	2441002-001	2341123-001 -----	1		
	2441002-001	• PILLAR -----	1		
	2441002-001	A • NUT -----	1		
	2441002-001	A • PIN-COTTER -----	1		
	2441002-001	A • WASHER -----	1		
	2441002-001	• ACTUATOR ASSY-LH WHEN EXHAUSTED USE -----	1		025
	2441002-001	2380001-017 -----	1		
	2441002-001	• ACTUATOR ASSY-LH WHEN EXHAUSTED USE -----	1	026	084
	2441002-001	1203-100D -----	1	085	
	2441002-001	• ACTUATOR ASSY-LH -----	1		
	2441002-001	• ACTUATOR ASSY-LH ALT -----	1		
	2441002-001	• ACTUATOR ASSY-LH ALT -----	1		
	2441002-001	• ACTUATOR ASSY-LH ALT -----	1		
	2441002-001	• ACTUATOR ASSY-RH WHEN EXHAUSTED USE -----	1		025
	2441002-001	2380001-018 -----	1		
	2441002-001	• ACTUATOR ASSY-RH WHEN EXHAUSTED USE -----	1	026	084
	2441002-001	1203-100D -----	1	085	
	2441002-001	• ACTUATOR ASSY-RH -----	1		
	2441002-001	• ACTUATOR ASSY-RH ALT -----	1		
	2441002-001	• ACTUATOR ASSY-RH ALT -----	1		
	2441002-001	• ACTUATOR ASSY RH ALT -----	1		
	2441002-001	A • NUT -----	1	P	
	2441002-001	A • NUT -----	1	Q	
	2441002-001	A • PIN-COTTER -----	1		
	2441002-001	A • WASHER -----	1	P	
	2441002-001	A • WASHER -----	1	Q	
	2441002-001	A • WASHER-NUT RETAINING -----	1	Q	
	2441002-001	A • SHIM -----	AR	D	
	2441002-001	A • SHIM -----	AR	E	
	2441002-001	A • SPACER -----	1	P	
	2441002-001	A • SPACER-CONICAL -----	1	Q	
	2441002-001	• PLATE-NAME & INSTRUCTION USE ON -----	1		
	2441002-001	ALL ASSEMBLIES EXCEPT -----	1		
	2441002-001	2327100-001 -----	1		
	2441002-001	• PLATE-NAME & INSTRUCTION USE ON -----	1		
	2441002-001	2327100-001 ONLY -----	1		
	2441002-001	A • SEAL-STAINLESS STEEL -----	1		
	2441002-001	A • STRAP-STAINLESS STEEL -----	1		
	2441002-001	• NUT -----	1		
	2441002-001	• BOLT-ACTUATOR ATTACHING -----	1		
	2441002-001	• BALL-BEARING -----	1		
	2441002-001	• NUT -----	1		
	2441002-001	• WASHER -----	1		
	2441002-001	• BOLT-ROD END LOCK -----	1		
	2441002-001	• ROD END WHEN EXHAUSTED USE -----	1		
	2441002-001	2327103-001 -----	1		
	2441002-001	• ROD END -----	1		
	2441002-001	• CYLINDER ASSEMBLY WHEN EXHAUSTED -----	1		
	2441002-001	USE 2327101-001 -----	1		
	2441002-001	CONTINUED -----	1		
	2441002-001	A---ATTACHING PARTS -----			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
23 -	2327101-001	. . CYLINDER ASSY WHEN EXHAUSTED USE 2327101-007 -----	1		
-23	2327101-007	. . CYLINDER ASSY -----	1	5	
	KSBG16	. . . BEARING -----	1		
	LHA-16	. . . BEARING ALT FOR KSBG16 -----	1		
	LHB-16	. . . BEARING ALT FOR KSBG16 -----	1		
	LHSS-16	. . . BEARING ALT FOR KSBG16 -----	1		
	ABG-16	. . . BEARING ALT FOR KSBG16 -----	1		
	SBG-16	. . . BEARING ALT FOR KSBG16 -----	1		
	11-1200-16	. . . BEARING ALT FOR KSBG16 -----	1		
-24	17438	. . . LUBRICATOR -----	1		
-25	1203-110	. . SPRING WHEN EXHAUSTED USE 2327106-001 -----	1		
	2327106-001	. . SPRING -----	1		
-26	1203-115A	. . PISTON-INNER WHEN EXHAUSTED USE 2327110-001 -----	1		
	2327110-001	. . PISTON-INNER -----	1		
-27	1203-116	. . PLUG-LOCK WHEN EXHAUSTED USE 2327111-001 -----	1		
	2327111-001	. . PLUG-LOCK -----	1		
-28	MS19060-23	. . BALL-BEARING -----	14		
-29	1203-108A	. . SHIM-LAMINATED WHEN EXHAUSTED USE 2327109-001 OR 2327109-002 -----	1		
	2327109-001	. . SHIM-LAMINATED 032 MAX OF 3 -----	AR		
	2327109-002	. . SHIM-LAMINATED 082 MAX OF 1 -----	AR		
-30	1203-107	. . HOUSING-BALL WHEN EXHAUSTED USE 2327104-001 -----	1		
	2327104-001	. . HOUSING-BALL -----	1		
-31	1203-104A	. . PISTON WHEN EXHAUSTED USE 2327102-001 -----	1		
	2327102-001	. . PISTON WHEN EXHAUSTED USE 2327102-002 -----	1	K	
	2327102-002	. . PISTON -----	1	L	
-32	1203-109B	. . PLUNGER WHEN EXHAUSTED USE 2327105-001 -----	1		
	2327105-001	. . PLUNGER -----	1		
-33	RR225S	. . RING-RETAINER -----	1		
-34	1203-111E	. . HOUSING-ACTUATOR WHEN EXHAUSTED USE 2327108-001 -----	1		
	2327108-001	. . HOUSING-ACTUATOR WHEN EXHAUSTED USE 2327108-003 -----	1	M	
	2327108-003	. . HOUSING-ACTUATOR -----	1	N	
-34A	NAS516-1	. . . LUBRICATOR -----	1		
	AN501A10-7	. . SCREW -----	1		
	2392700-001	. . KIT-MAIN GEAR ACTUATOR REPAIR -----	1		
-35	AN6227B23	. . . PACKING-O RING -----	1		
-36	MS28774-218	. . . RING-BACK UP -----	1		
-37	AN6227B31	. . . PACKING-O RING -----	1		
-38	MS28774-328	. . . RING-BACK UP -----	1		
-39	MS28774-328	. . . RING-BACK UP USED WITH 1203-104A & 2327102-001 ONLY -----	1		
-40	MS28775-230	. . . PACKING-O RING -----	1		
-41	MS28775-230	. . . PACKING-O RING -----	1		
-42	MS28776-20	. . . SCRAPER-ROD -----	1		
-43	MS28932C-05-15	. . . STRIP-FELT -----	1		
-44	1203-120-1	. . . GASKET-D RING WHEN EXHAUSTED USE 2307016-002 -----	1		
	2307016-002	. . . GASKET-D RING -----	1		
-45	2341002-001	. . LINK ASSEMBLY -----	1		
	2341003-001	A . BOLT -----	1		025
	NAS464P4A22	A . BOLT -----	1	026	
	AN960D416L	A . WASHER -----	1	026	
-46	MS20364-428	A . NUT -----	1		
-47	MS20364-624	A . NUT -----	1		025
-48	AN174-12A	A . BOLT -----	1		
-49	AN960D416	A . WASHER -----	1		
-50	MS20365-428	A . NUT -----	1		
-51	2341002-002	. . TUBE -----	1		
-52	DREM-4-050	. . ROD END -----	2		
	ARYHT4E	. . ROD END ALT FOR DREM-4-050 -----	2		
-53	AN316-6R	. . NUT -----	2		
-54	1CH1-6	. . SWITCH-GEAR DOWN LSW7 & LSW8 -----	1		
-55	21CH9-6	. . SWITCH-GEAR SQUAT 2 POLE LSW23 & LSW24 -----	1		
	25EN9-6	. . SWITCH-GEAR SQUAT 4 POLE LH GEAR ONLY -----	1		
-56	2348010-004	. . BRACKET ASSEMBLY-SWITCH -----	1		
-57	AN520-10R28	. . SCREW -----	1		
-58	AN520-10R26	. . SCREW -----	2		
-59	MS20365-1032	. . NUT -----	3		
-60	MS25281-4	. . CLAMP -----	1		
CONTINUED					
A---ATTACHING PARTS					

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
23 -61  -62  -63  -64	2327037-005	• STRIKER ASSEMBLY-LH WHEN EXHAUSTED USE 2327037-007 -----	1	C	
	2327037-007	• STRIKER ASSY-LH WHEN EXHAUSTED USE 2327037-013 -----	1	C	
	2327037-013	• STRIKER ASSY-LH -----	1	R	
	2327037-008	• STRIKER ASSEMBLY-RH -----	1	C	
	SEE FIGURE 24	A • ATTACHING PARTS -----	REF		
	1CH1-6	• SWITCH-MAIN GEAR DR & STRUT SEQ LSW31 & LSW32 -----	1	C	
	1CH1-6	• SWITCH-MAIN GEAR SAFETY RH ONLY LSW36 -----	1	C	
	2388124-001	• HUB ASSEMBLY-WHEEL ANTI SKID TRANS -----	2	A	
	2441005-001	• HUB ASSEMBLY-WHEEL ANTI SKID TRANS -----	2	B	
	AN501A10-6	• SCREW -----	6		
	NOTE 1	2322146-003 LH & -004 RH MAY BE USED AS SPARES FOR 2322146-001 & -002 IF 2341111-002 TRUNION PIN IS INSTALLED			
	A	003 & ON WHEN A/C IS EQUIPPED WITH B.F.GOODRICH M.G. WHEELS & BRAKES			
	B	003 & ON WHEN A/C IS EQUIPPED WITH GOODYEAR RUBBER CO. M.G. WHEELS & BRAKES			
	C	080 & ON & A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381			
	D	003 THRU 067 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381			
	E	068 & ON & A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381			
	F	USED WHEN 2322146-001 LH & 2322146-002 RH FWD MAIN GEAR FITTINGS ARE INSTALLED IN THE WING			
	G	USED WHEN 2322146-003 LH & 2322146-004 RH FWD MAIN GEAR FITTINGS ARE INSTALLED IN THE WING			
	H	003 & ON WHEN 2380023-001, -002, -009, -010 OR 1615-00L & 1615-00R STRUT ASSYS ARE INSTALLED			
	J	003 & ON WHEN 2341100-001 & -002 STRUT ASSYS ARE INSTALLED			
	K	USED ON 2381228-001 & -002, 2380001-017 & -018, 1203-100D & 2327100-001 ACTUATOR ASSYS			
	L	USED ON 2327100-003 & -004 ACTUATOR ASSY			
	M	USED ON 2381228-001 & -002, 2380001-017 & -018, 1203-100D & 2327100-001 & -003 ACTUATOR ASSYS			
	N	USED ON 2327100-004 ACTUATOR ASSY			
	P	003 & ON WHEN B F GOODRICH BRAKES ARE INSTALLED			
	P	003 & ON EXCEPT A/C MOD PER AMK71-3			
	Q	003 & ON WHEN MOD PER AMK71-3			
	R	SPARE FOR 2327037-007			
	S	SPARE FOR 2327101-001			
		A---ATTACHING PARTS			

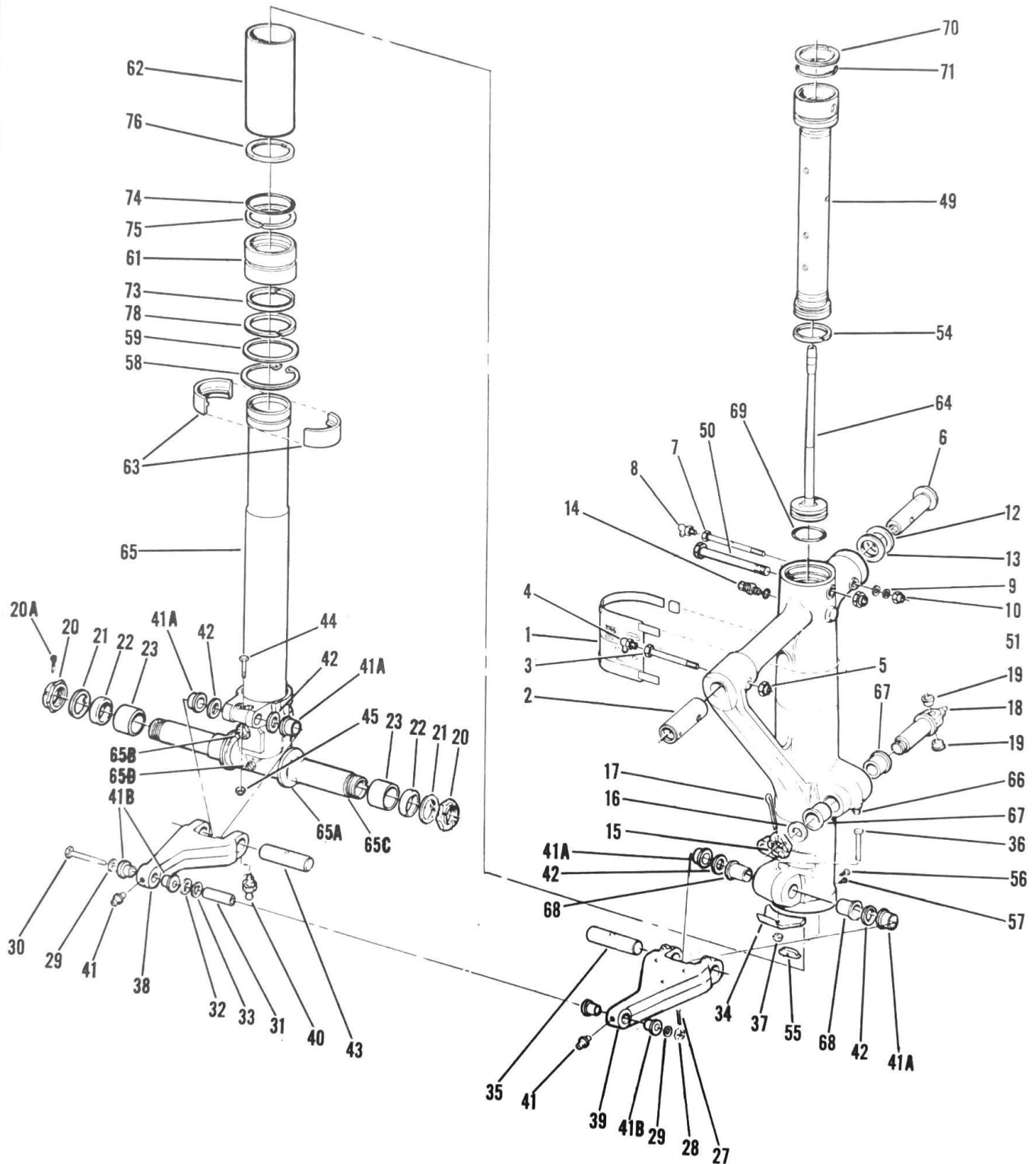


Figure 24. Main Landing Gear Strut Assembly

6-19C

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
24 -	2380023-001	MAIN LANDING GEAR STRUT ASSEMBLY-LH SEE NOTE 1 -----	1	A	
	2341100-001	MAIN LANDING GEAR STRUT ASSEMBLY-LH -----	1	B	
	1615-00L	MAIN LANDING GEAR STRUT ASSEMBLY-LH ALT SEE NOTE 1 -----	1	B	
	2380023-009	MAIN LANDING GEAR STRUT ASSEMBLY-LH ALT SEE NOTE 1 -----	1	B	
	2380023-002	MAIN LANDING GEAR STRUT ASSEMBLY-RH SEE NOTE 1 -----	1	A	
	2341100-002	MAIN LANDING GEAR STRUT ASSEMBLY-RH -----	1	B	
	1615-00R	MAIN LANDING GEAR STRUT ASSEMBLY-RH ALT SEE NOTE 1 -----	1	B	
	2380023-010	MAIN LANDING GEAR STRUT ASSEMBLY-RH ALT SEE NOTE 1 -----	1	B	
-1	EQ1472	• PLATE-NAME & INSTRUCTION WHEN EXHAUSTED USE 2317017-002 -----	1		
-2	2307017-002	• PLATE-NAME & INSTRUCTION -----	1		
	1203-17A	• PIN-TRUNNION FWD WHEN EXHAUSTED USE 2341111-001 SEE NOTE 1 -----	1	G	
	2341111-001	• PIN-TRUNION FWD SEE NOTE 1 -----	1	G	
	SEE FIGURE 23	• PIN-TRUNION FWD -----	REF	H	
-3	1203-23A	• BOLT ASSEMBLY WHEN EXHAUSTED USE 2341114-001 -----	1		
	2341114-001	• BOLT ASSEMBLY -----	1		
-4	1744B	• LUBRICATOR -----	1		
-5	MS20364-624	• NUT -----	1		
-6	1203-15A	• PIN-TRUNNION AFT END WHEN EXHAUSTED USE 2341110-001 -----	1	G	
	2341110-001	• PIN-TRUNION AFT -----	1	G	
	SEE FIGURE 23	• PIN-TRUNION AFT -----	REF	H	
-7	1203-23A	• BOLT ASSEMBLY WHEN EXHAUSTED USE 2341114-001 -----	1		
	2341114-001	• BOLT ASSEMBLY -----	1		
-8	1744B	• LUBRICATOR -----	1		
-9	AN960-616	• WASHER -----	2		
-10	MS20364-624	• NUT -----	1		
-12	MS20002-18	• WASHER -----	1	G	
	SEE FIGURE 23	• WASHER -----	REF	H	
-13	1203-30	• SHIM WHEN EXHAUSTED USE 2341116-001 SHIM -----	1	G	
	2341116-001	• SHIM -----	1	G	
	SEE FIGURE 23	• SHIM -----	REF	H	
-14	MS28889-1	• VALVE-AIR -----	1		
	MS24690	• PACKING-O RING -----	1		
	1203-14	• PIN ASSEMBLY-ACTUATOR ATTACHING WHEN EXHAUSTED USE 2341109-001 -----	1		
	2341109-001	• PIN ASSEMBLY-ACTUATOR ATTACHING -----	1		
-15	AN320-14	• NUT -----	1		
-16	AN960-1416	• WASHER -----	1		
-17	MS24665-373	• PIN-COTTER -----	1		
-18	1743B	• LUBRICATOR -----	1		
-19	2341109-003	• BUSHING -----	2		
-20	MS21025-24	• NUT -----	2		
-20A	AN500A6-8	• SCREW -----	4		
-21	MS21258C24	• WASHER -----	2		
-22	1203-63	• COLLAR-AXLE OUTER -----	2	A	
	1615-63	• COLLAR-AXLE OUTER WHEN EXHAUSTED USE 2341121-001 -----	2	B	
	2341121-001	• COLLAR-AXLE OUTER -----	2	B	
-23	2380023-007	• COLLAR-AXLE INNER -----	2	A	
-27	MS24665-300	• PIN-COTTER -----	1		
-28	AN310-6	• NUT -----	1		
-29	2341129-001	• WASHER -----	2		
-30	NAS1306-350	• BOLT -----	1		
-31	NAS72-6E202	• BUSHING FOR SPARES ORDER 2341128-001 -----	1		
	2341128-001	• PIN -----	1		
-32	1203-22	• SPACER-TORQUE ARM APEX WHEN EXHAUSTED USE 2341113-001 -----	1		
	2341113-001	• SPACER-TORQUE ARM APEX -----	1		
-33	AN960-916L	• WASHER -----	AR		
-34	1203-91	• PLATE-STRIKER WHEN EXHAUSTED USE 2341125-001 -----	1		
	2341125-001	• PLATE-STRIKER -----	1		
-35	1203-40	• PIN-TORQUE ARM END UPPER WHEN EXHAUSTED USE 2341118-001 -----	1		
	2341118-001	• PIN-TORQUE ARM END UPPER -----	1		
-36	NAS1104-34	• BOLT -----	1		
-37	MS20364-428	• NUT -----	1		
-38	1203-46B	• ARM ASSEMBLY-TORQUE LOWER WHEN EXHAUSTED USE 2341119-001 -----	1		
		CONTINUED			
		A---ATTACHING PARTS			



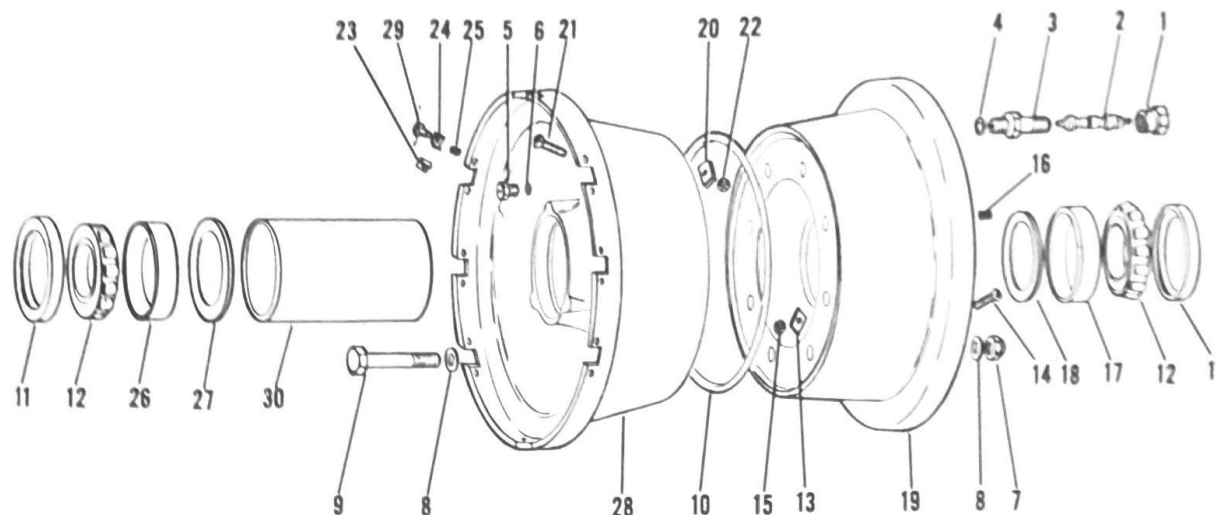
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
24 -	2341119-001	• ARM ASSEMBLY-TORQUE LOWER -----	1		
-39	1203-478	• ARM ASSEMBLY-TORQUE UPPER WHEN -----	1		
		EXHAUSTED USE 2341119-002 -----	1		
	2341119-002	• ARM ASSEMBLY-TORQUE UPPER -----	2		
-40	17448	• LUBRICATOR -----	1		
-41	17438	• LUBRICATOR -----	2		
-41A	2341120-001	• BUSHING-TORQUE ARM -----	2		
-41B	2341127-001	• BUSHING-TORQUE ARM -----	2		
-42	1203-90	• SHIM WHEN EXHAUSTED USE -----	AR		
		2341124-001 -----	AR		
	2341124-001	• SHIM -----	1		
-43	1203-40	• PIN-TORQUE ARM END LOWER WHEN -----	1		
		EXHAUSTED USE 2341118-001 -----	1		
	2341118-001	• PIN-TORQUE ARM END LOWER -----	1		
-44	NAS1104-16	A • BOLT -----	1		
-45	MS20364-428	A • NUT -----	1		
-49	1203-26	• TUBE ASSEMBLY-ORIFICE WHEN -----	1		
		EXHAUSTED USE 2341115-001 -----	1		
	2341115-001	• TUBE ASSEMBLY-ORIFICE -----	1		
-50	NAS1108-63H	A • BOLT -----	1		
-51	MS20364-820	A • NUT -----	1		
-54	101-26	• RING-PLUNGER HEAD WHEN EXHAUSTED -----	1		
		USE 2307018-001 -----	1		
	2307018-001	• RING-PLUNGER HEAD -----	1		
-55	2441010-001	• LOCK-RETAINING RING -----	1		
-56	AN500A6-10	A • SCREW -----	1		
-57	AN500A6-4	• SCREW -----	1		
-58	5002-375	• RING-RETAINING -----	1		
-59	1203-6	• RETAINER-SCRAPER ROD WHEN EXHAUSTED -----	1		
		USE 2341104-001 -----	1		
	2341104-001	• RETAINER-SCRAPER ROD -----	1		
-61	1203-9	• BEARING-LOWER WHEN EXHAUSTED USE -----	1		
		2341105-001 -----	1		
	2341105-001	• BEARING-LOWER -----	1		
-62	1203-10	• FOLLOWER WHEN EXHAUSTED USE -----	1		
		2341106-001 -----	1		
	2341106-001	• FOLLOWER -----	1		
-63	1203-3	• BEARING-UPPER MATCHED HALVES WHEN -----	1		
		EXHAUSTED USE 2341102-001 -----	1		
	2341102-001	• BEARING-UPPER MATCHED HALVES -----	1		
-64	1203-13	• PIN-METERING WHEN EXHAUSTED USE -----	1		
		2341108-001 -----	1		
	2341108-001	• PIN-METERING -----	1		
	2394100-001	• HUB & AXLE ASSY-MAIN LANDING GEAR -----	1	A	
	2341100-003	• HUB & AXLE ASSY-MAIN LANDING GEAR -----	1	B	
-65	1203-4	• PISTON -----	1	A	
	2341103-001	• PISTON -----	1	B	
-65A	1203-12A	• HUB-AXLE -----	1	A	
	2341107-002	• HUB-AXLE -----	1	B	
-65B	NAS1107-58	A • BOLT -----	1	A	
	NAS1107-61	A • BOLT -----	1	B	
	MS20364-720	A • NUT -----	1		
-65C	1203-85B	• AXLE -----	1	A	
	2341122-002	• AXLE -----	1	B	
-65D	NAS1105-34	A • BOLT -----	1		
	MS20364-524	A • NUT -----	1		
	1203-2AL	• CYLINDER ASSY LH WHEN EXHAUSTED -----	1		
		USE 2341101-001 -----	1	C	
	2341101-001	• CYLINDER ASSY LH -----	1	D	
	1203-2AR	• CYLINDER ASSY RH WHEN EXHAUSTED -----	1		
		USE 2341101-002 -----	1	E	
	2341101-002	• CYLINDER ASSY RH -----	1	F	
-66	17438	• LUBRICATOR -----	1		
-67	1203-21	• BUSHING WHEN EXHAUSTED USE -----	2		
		2341112-001 -----	2		
-68	2341112-001	• BUSHING -----	2		
	NAS77-12-99	• BUSHING FOR SPARES ORDER -----	2		
		2341126-001 -----	2		
	2341126-001	• BUSHING -----	1		
-69	2394101-003	• KIT-MAIN GEAR STRUT ASSY REPAIR -----	1		
-70	733EOMS-987-P5	• PACKING-GT RING -----	1		
-71	MS28774-334	• RING-BACK UP -----	1		
	MS28775-334	• PACKING-O RING -----	1		
	2394101-004	• KIT-MAIN GEAR STRUT LOWER BEARING -----	1		
		SEAL REPAIR -----	1		
-73	MS28932C-09-13	• STRIP-FELT -----	1		
-74	MS28775-338	• PACKING-O RING -----	1		
-75	MS28774-338	• RING-BACK UP -----	1		
-76	7337FT-987-P5	• PACKING-GT RING -----	1		
-78	MS28776-29	• SCRAPER-ROD -----	1		

CONTINUED

A---ATTACHING PARTS



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
24 -	NOTE 1	2341111-002 TRUNION PIN IS TO BE USED WHEN 2322146-003 LH & -004 RH FWD MAIN GEAR FITTING IS INSTALLED IN THE WING			
	A	003 & ON WHEN A/C IS EQUIPPED WITH B.F. GOODRICH M.G. WHEELS & BRAKES			
	B	003 & ON WHEN A/C IS EQUIPPED WITH GOODYEAR RUBBER CO. WHEELS & BRAKES			
	C	USED ON 2380023-001 & -009 & 1615-00L STRUT ASSEMBLIES			
	D	USED ON 2341100-001 STRUT ASSEMBLY			
	E	USED ON 2380023-002 & -010 & 1615-00R STRUT ASSEMBLIES			
	F	USED ON 2341100-002 STRUT ASSEMBLY			
	G	USED ON 2380023-001 & -002, -009 & -010 1615-00L & 1615-00R STRUT ASSYS ONLY			
	H	A/C THAT HAVE 2341100-001 & -002 STRUT ASSYS INSTALLED			
	A---ATTACHING PARTS				



6-12B

Figure 25. B. F. Goodrich Main Gear Wheel Assembly

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
25 -	3-1093-1	B F GOODRICH MAIN GEAR WHEEL ASSY -----	2	8	
-1	TR725-03	• VALVE ASSEMBLY-TUBELESS TIRE -----	1	8	
-2	TR-VC5	• • CAP-VALVE -----	1	8	
-3	TR-C4	• • VALVE-INSIDE -----	1	8	
-4	TR725	• • STEM -----	1	8	
-5	TR-RG30	• • GROMMET-RUBBER -----	1	8	
-6	49-144	• PLUG-THERMAL PRESSURE RELIEF -----	3	8	
-7	68-247	• PACKING PREFORMED -----	1	8	
-8	AN363-428	• NUT WHEN EXHAUSTED USE 42-SLW428 -----	8	8	
-9	42SLW428	• NUT ALT FOR AN363-428 -----	8	8	
-10	AN960-416	• WASHER WHEN EXHAUSTED USE MS20002-C4 -----	16	8	
-11	MS20002-C4	• WASHER ALT FOR AN960-416 -----	16	8	
-12	43-563	• BOLT WHEN EXHAUSTED USE MS21250-04018 -----	8	8	
-13	MS21250-04018	• BOLT ALT FOR 43-563 -----	8	8	
-14	68-448	• PACKING-PREFORMED -----	1	8	
-15	262HD124	• SEAL -----	2	8	
-16	13889	• CONE-BEARING -----	2	8	
-17	300-159-1	• WHEEL HALF ASSEMBLY-OUTER -----	1	8	
-18	A97-33	• • WEIGHT-BALANCE -----	AR	8	
-19	A97-60	• • WEIGHT-BALANCE -----	AR	8	
-20	AN507-1032-12	A • • SCREW -----	AR	8	
-21	MS20364-1032C	A • • NUT -----	AR	8	
-22	MS21209F1-15	• • INSERT -----	3	8	
-23	13830	• • CUP-BEARING -----	1	8	
-24	183-30	• • RING-FLINGER -----	1	8	
-25	10-966-1	• • WHEEL HALF-OUTER -----	1	8	
-26	300-160-1	• WHEEL HALF ASSEMBLY-INNER -----	1	8	
-27	A97-33	• • WEIGHT-BALANCE -----	AR	8	
-28	A97-60	• • WEIGHT-BALANCE -----	AR	8	
-29	AN507-1032-12	A • • SCREW -----	AR	8	
-30	MS20364-1032C	A • • NUT -----	AR	8	
-31	259-24	• • KEY-TORQUE LH -----	8	8	
-32	259-25	• • KEY-TORQUE RH -----	8	8	
-33	3591-3CN X 0.190	• • INSERT-HELICOIL -----	16	8	
-34	13830	• • CUP-BEARING -----	1	8	
-35	183-30	• • RING-FLINGER -----	1	8	
-36	10-965-1	• • WHEEL HALF-INNER -----	1	8	
-37	AN501A10-5	• • SCREW -----	16	8	
-38	54-173	• SLEEVE -----	1	A	
		A 044 & ON & A/C MOD PER SK23-110A WHEN B.F. GOODRICH WHEELS & BRAKES ARE INSTALLED			
		B 003 & ON WHEN B.F. GOODRICH WHEELS & BRAKES ARE INSTALLED			
		A---ATTACHING PARTS			

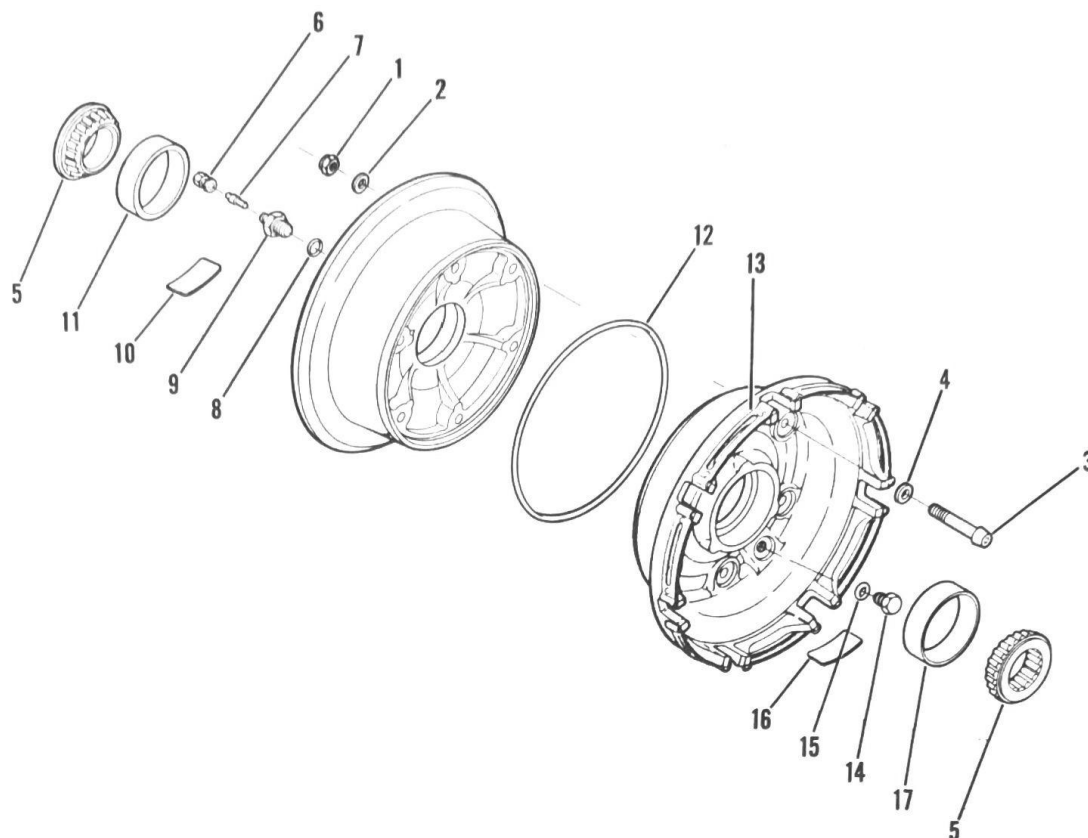
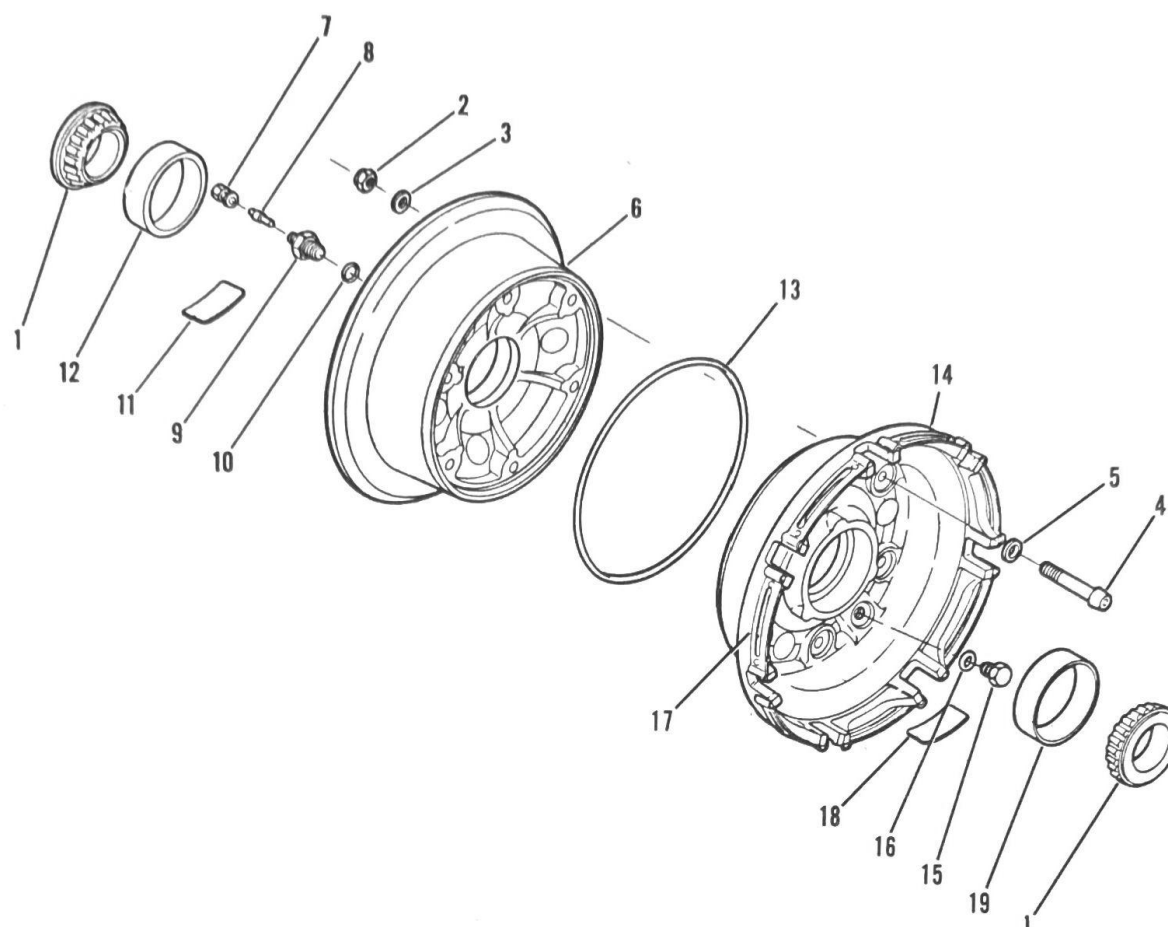


Figure 25A. Goodyear Main Gear Wheel Assembly

6-17C

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
25A-	95433398	GOODYEAR MAIN GEAR WHEEL ASSEMBLY • MAIN GEAR WHEEL ASSY MAGNESIUM FOR SPARES USE 9543991-001 FORGED ALUMINUM WHEEL ASSY REF FOLLOWING FIGURE -----	2	A	
-1	SEE FIGURE 25B	• MAIN GEAR WHEEL ASSY ALUMINUM -----	2	B	
-2	22FH-524	• • NUT-SELF LOCKING -----	6	C	
-3	MS20002-5	• • WASHER -----	6	B	
-4	MS20005-26	• • BOLT -----	6	B	
-5	MS20002C5	• • WASHER -----	6	B	
	13685XL	• • CONE-BEARING -----	2	B	
	95433365	• • WHEEL ASSEMBLY-HALF -----	1	B	
	TR705-03	• • VALVE ASSEMBLY -----	1	B	
-6	VC-5	• • • CAP-VALVE -----	1	B	
-7	C-4	• • • CORE-VALVE -----	1	B	
-8	RG-6	• • • GASKET-VALVE STEM -----	1	B	
-9	TR705	• • • VALVE STEM -----	1	B	
-10	9535033	• • • PLATE-INSTRUCTION -----	1	B	
-11	13621XL	• • • CUP-BEARING -----	1	B	
-12	AN6230838	• • • PACKING-O RING -----	1	B	
	95433364	• • WHEEL ASSEMBLY-HALF -----	1	B	
-13	95433685	• • • LINER-KEYWAY -----	7	B	
-14	9525656	• • • PLUG-FUSIBLE -----	2	B	
-15	9524796	• • • SEAL-WHEEL O RING -----	2	B	
-16	9535033	• • PLATE-INSTRUCTION -----	1	B	
-17	13621XL	• • CUP-BEARING -----	1	B	
		A 003 & ON WHEN GOODYEAR TIRE & RUBBER CO. WHEELS & BRAKES ARE INSTALLED			
		B 003 & ON WHEN GOODYEAR TIRE & RUBBER CO. MAGNESIUM WHEELS ARE INSTALLED			
		C REFERENCE FOLLOWING FIGURE			
		A---ATTACHING PARTS			

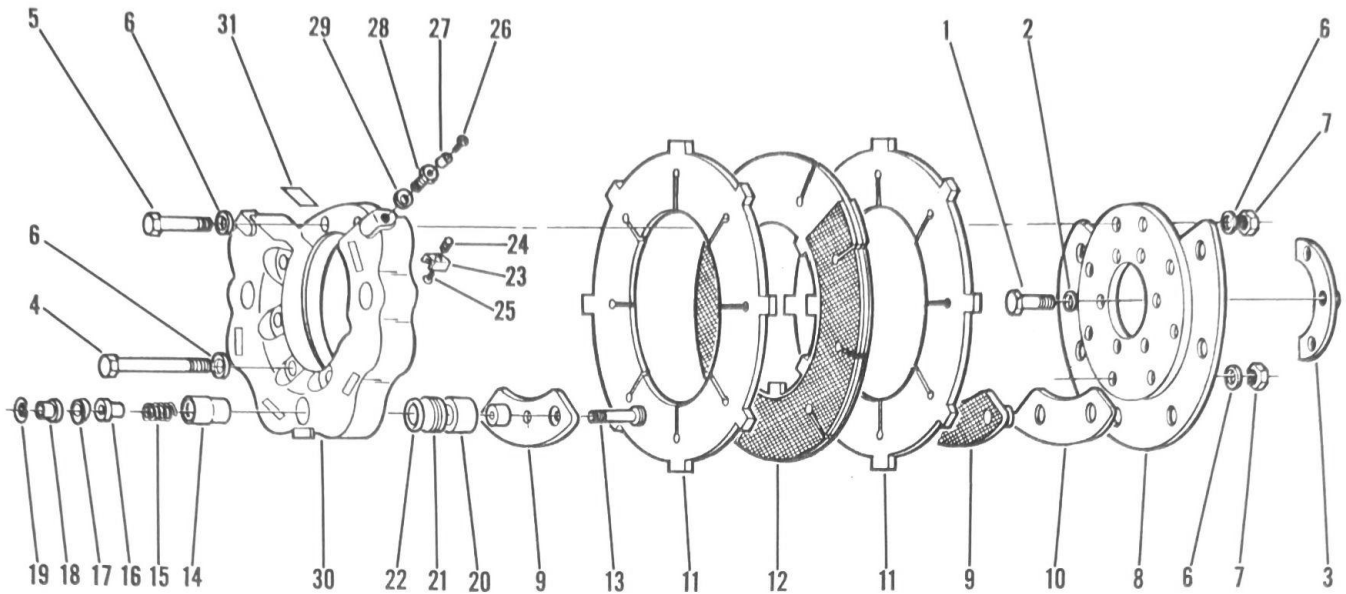
LIMITED EFFECTIVITY Serial Code A



6-17C

Figure 25B. Forged Aluminum Main Landing Gear Wheel Assembly

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
25B-	9543991-001	MAIN LANDING GEAR WHEEL ASSY FORGED ALUMINUM -----	2	A	
-1	13685XL	• CONE-BEARING -----	2	B	
-2	22FH-524	• NUT-SELF LOCKING -----	6	B	
-3	MS20002-5	• WASHER -----	6	B	
-4	MS20005-26	• BOLT -----	6	B	
-5	MS20002C5	• WASHER-COUNTERSINK -----	6	B	
-6	9544025	• WHEEL ASSY-OUTBOARD -----	1	B	
	TR705-03	• • VALVE ASSY -----	1	B	
-7	VC-5	• • • CAP-VALVE -----	1	B	
-8	C-4	• • • CORE-VALVE -----	1	B	
-9	TR705	• • • STEM-VALVE -----	1	B	
-10	RG-6	• • • PACKING-PREFORMED -----	1	B	
-11	9535033	• • PLATE-INSTRUCTION -----	1	B	
-12	13621XL	• • CUP-BEARING -----	1	B	
-13	AN6230838	• PACKING-O RING -----	1	B	
-14	9544026	• WHEEL ASSEMBLY-INBOARD -----	1	B	
-15	9534552	• • PLUG-FUSIBLE -----	2	B	
-16	9524796	• • PACKING-PREFORMED -----	2	B	
-17	9544008	• • KEYWAY-LINER -----	7	B	
	MS20427-4C8	• • RIVET -----	14	B	
-18	9535033	• • PLATE-INSTRUCTION -----	1	B	
-19	13621XL	• • CUP-BEARING -----	1	B	
	A	SPARE FOR 95433398			
	B	USED ON 9543991-001 ASSY			
		A---ATTACHING PARTS			



6-10B-1

Figure 26. B. F. Goodrich Brake Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
26 -	2-936-2	B F GOODRICH BRAKE INSTALLATION		A	
		• BRAKE ASSEMBLY FOR SPARES USE			
		2-936-3 BRAKE ASSY -----	1	A	
	2-936-3	• BRAKE ASSEMBLY -----	1	C	
-1	NAS464P6A10	A • BOLT -----	6	A	
-2	AN960-616	A • WASHER -----	6	A	
-3	2317043-001	A • SECTOR ASSEMBLY-BRAKE ATTACHMENT -----	2	A	
-4	43-642	• BOLT -----	6	A	
-5	43-643	• BOLT -----	2	A	
-6	AN960-516	• WASHER -----	16	A	
-7	AN363-524	• NUT -----	8	A	
-8	184-182-1	• PLATE-TORQUE -----	1	A	
-9	342-16-1	• CARRIER-LINING & TORQUE BUTTON FOR			
		SPARES SEE NOTE 1 -----	6	B	
	342-16-2	• CARRIER-LINING & TORQUE BUTTON -----	6	D	
-10	115-90	• INSULATOR -----	3	A	
-11	133-145-1	• DISC-BRAKE -----	3	A	
-12	244-133-1	• CARRIER & LINING ASSEMBLY FOR			
		SPARES SEE NOTE 1 -----	1	B	
	244-133-2	• CARRIER & LINING ASSY -----	1	D	
-13	20-211	• PIN -----	3	A	
-14	260-344	• HOUSING -----	3	A	
-15	40-430	• SPRING -----	3	A	
-16	56-518	• RETAINER -----	3	A	
-17	56-517	• PIN-RETAINER -----	3	A	
-18	26-158	• BUSHING -----	3	A	
-19	MS16625-3068	• RING-RETAINER -----	3	A	
-20	115-91	• INSULATOR-PISTON -----	6	A	
-21	74-395	• PISTON -----	6	A	
-22	MS28775-117	• PACKING-O RING -----	6	A	
-23	170-76-1	• INSERT-KEYWAY -----	8	A	
-24	3585-06CN0207	• INSERT-HELICOIL -----	7	A	
-25	AN507-632-5	• SCREW -----	1	A	
-26	AN520-10-5	• SCREW -----	1	A	
		CONTINUED			
		A---ATTACHING PARTS			

MODEL 23

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
26 -27	110-3/16	DYNA-SEAL -----	1	A	
-28	49-145	• PLUG-BLEEDER -----	1	A	
-29	MS28778-4	• PACKING-O RING -----	1	A	
-30	260-247-1	• HOUSING-PISTON -----	1	B	
-31	260-247-2	• HOUSING-PISTON -----	1	D	
	50-228	• PLATE-INSTRUCTION -----	1	D	
		NOTE 1 244-133-2 CARRIER & LINING ASSY PLUS 6 342-16-2 CARRIER-LINING & TORQUE BUTTONS ARE REPLACEMENT SPARES FOR 244-133-1 & 342-16-1 AS A SET ON A/C EQUIPPED WITH 2-936-2 BRAKE ASSYS			
		A 003 & ON WHEN B F GOODRICH BRAKES ARE INSTALLED			
		B USED ON 2-936-2 BRAKE ASSY			
		C SPARE FOR 2-936-2 BRAKE ASSY			
		D USED ON 2-936-3 BRAKE ASSY			
		A---ATTACHING PARTS			

LIMITED EFFECTIVITY Serial Code A

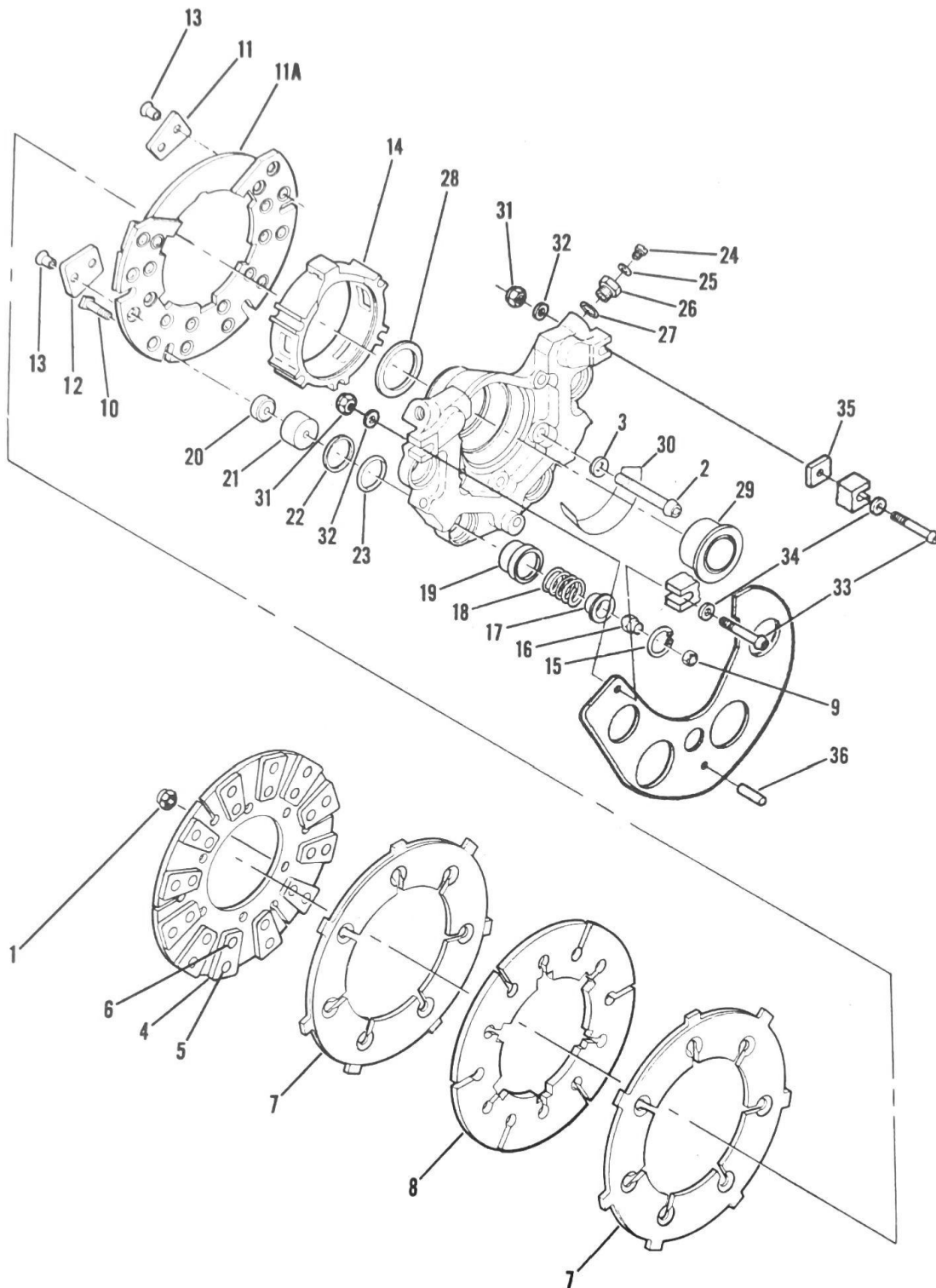


Figure 26A. Goodyear Brake and Torque Plate Installation

6-18C  
6-18B-2

LIMITED EFFECTIVITY Serial Code A



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
26A-		GOODYEAR BRAKE & TORQUE PLATE INSTALLATION			
	9550273C	• BRAKE ASSY-MAIN LANDING GEAR -----	2	A	
-1	32FE-524	• • NUT -----	5	A	
-2	9535048	• • BOLT-INTERNAL WRENCH -----	5	A	
-3	MS20002C5	• • WASHER -----	5	A	
	9535047	• • PLATE ASSEMBLY-BACK -----	1	A	
-4	9535035	• • • PLATE-WEAR -----	12	A	
-5	GY188-7	A • • • RIVET-TUBULAR -----	12	A	
-6	GY188-15	A • • • RIVET-TUBULAR -----	12	A	
-7	9543348	• • DISC-ROTATING -----	2	A	
-8	9535026	• • DISC-STATIONARY -----	1	A	
-9	22FT-1032	• • NUT -----	4	A	
-10	9535044	• • PIN-RETURN -----	4	A	
	9543973	• • PLATE ASSEMBLY-PRESSURE -----	1	A	
-11	9535039	• • • PLATE-WEAR -----	2	A	
-11A	9536239	• • • PLATE-WEAR -----	1	A	
-12	9535035	• • • PLATE-WEAR -----	6	A	
-13	GY188-9	A • • • RIVET-TUBULAR -----	20	A	
-14	9543361	• • TUBE-TORQUE -----	1	A	
-15	N5000-106MD	• • RING-RETAINING -----	4	A	
-16	9535045	• • GRIP & TUBE ASSEMBLY -----	4	A	
-17	9525909	• • HOLDER-SPRING INNER -----	4	A	
-18	9525863	• • SPRING-RELEASE -----	4	A	
-19	9525908	• • HOLDER-SPRING OUTER -----	4	A	
-20	9535042	• • INSULATOR-PISTON -----	5	A	
-21	9535041	• • PISTON-BRAKE -----	5	A	
-22	MS28774-216	• • RING-BACK UP -----	5	A	
-23	MS28775-216	• • PACKING-O RING -----	5	A	
-24	AN501A10-5	• • SCREW-BLEEDER -----	1	A	
-25	511846-4	• • WASHER-BLEEDER -----	1	A	
-26	9535049	• • ADAPTER-BLEEDER -----	1	A	
-27	MS28778-4	• • PACKING-O RING -----	2	A	
	9543369	• • HOUSING ASSEMBLY-BRAKE -----	1	A	
-28	9535052	• • • SPACER -----	1	A	
-29	9535043	• • • BUSHING-SLEEVE -----	1	A	
-30	9535051	• • • PLATE-NAME -----	1	A	
	9543461	• • KIT-TORQUE PLATE -----	1	A	
-31	22FH-524	• • NUT -----	2	A	
-32	AN960-516	• • WASHER -----	2	A	
-33	MS20005-24	• • BOLT-INTERNAL WRENCH -----	2	A	
-34	MS20002C5	• • WASHER -----	2	A	
-35	9535273	• • SPACER -----	1	A	
	9543462	• • PLATE ASSEMBLY-TORQUE -----	1	A	
-36	9535272	• • • PIN-GUIDE -----	1	A	
		A 003 & ON WHEN GOODYEAR TIRE & RUBBER CO. WHEELS & BRAKES ARE INSTALLED			
		A---ATTACHING PARTS			

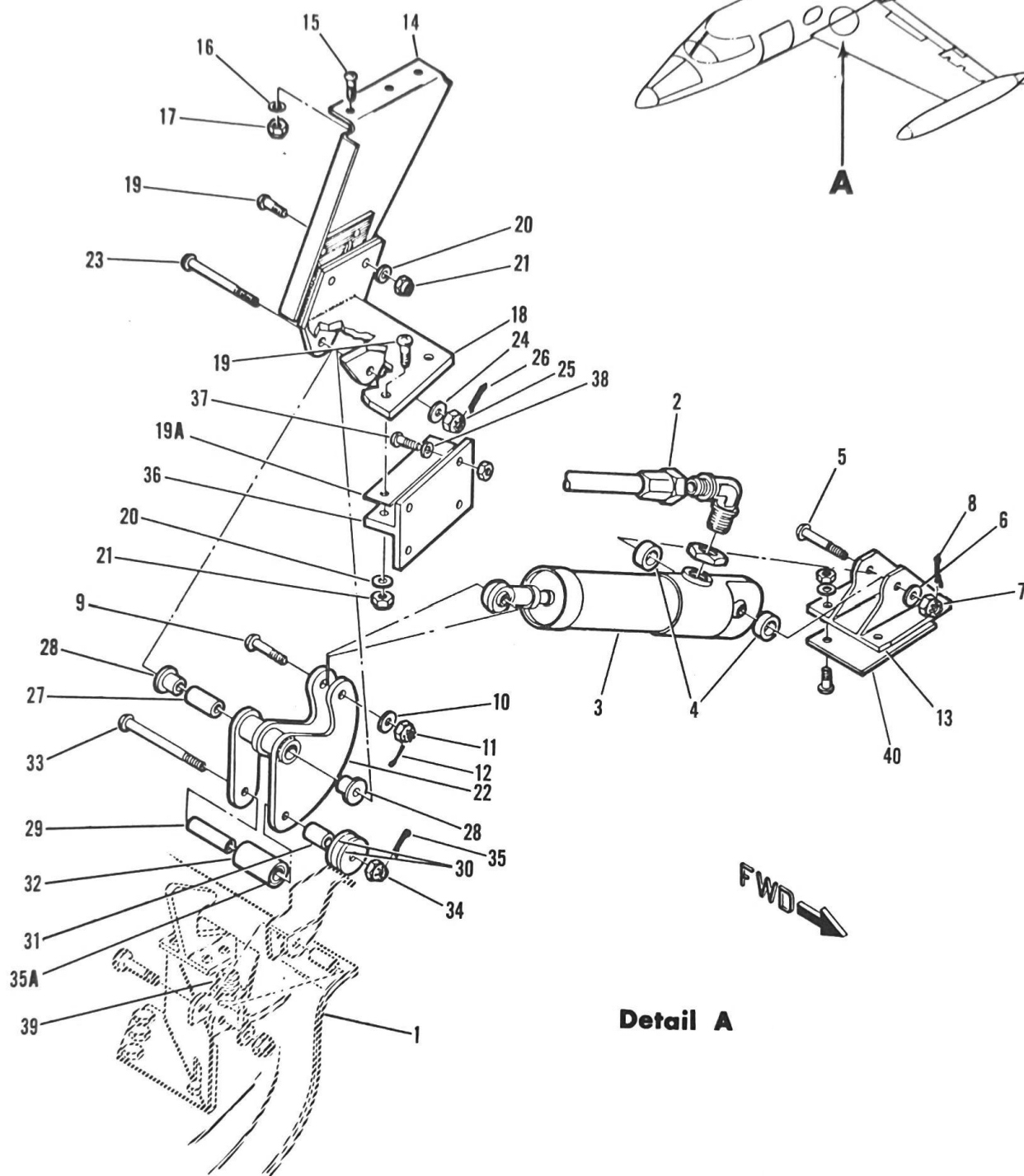


Figure 27. Main Gear Door Uplatch Installation

A6-5C-2

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
27 -		MAIN GEAR DOOR UPLATCH INSTL LH			
		MAIN GEAR DOOR UPLATCH INSTL RH			
-1	SEE FIGURE 8	• DOOR INSTALLATION-MAIN GEAR -----	REF		
-2	SEE FIGURE 92	• HYDRAULIC INSTALLATION-MAIN GEAR & WHEEL WELL -----	REF		
-3	SEE FIGURE 27A	• ACTUATOR-ASSEMBLY-M G DOOR UPLOCK -----	1		
-4	NAS43HT6-13	A • SPACER -----	2		
-5	AN26-21	A • BOLT -----	1		
-6	AN960-616	A • WASHER -----	1		
-7	AN320-6	A • NUT -----	1		
-8	MS24665-153	A • PIN-COTTER -----	1		
-9	AN24-17	A • BOLT -----	1		
-10	AN960-416	A • WASHER -----	1		
-11	AN320-4	A • NUT -----	1		
-12	MS24665-153	A • PIN-COTTER -----	1		
-13	2348044-001	• SUPPORT-ACTUATOR LH -----	1		
	2348044-002	• SUPPORT-ACTUATOR RH -----	1		
	2348043-007	A • FILLER -----	4		
	AN509-10R12	A • SCREW -----	4		
	AN960-10	A • WASHER -----	4		
	MS20364-1032	A • NUT -----	4		
-14	2348043-001	• BRACKET ASSEMBLY LH -----	1		
	2348043-002	• BRACKET ASSEMBLY RH -----	1		
-15	NAS221-11	A • SCREW -----	3		
-16	AN960-10	A • WASHER -----	3		
-17	MS20364-1032	A • NUT -----	3		
-18	2348042-001	• BRACKET ASSEMBLY LH -----	1		
	2348042-002	• BRACKET ASSEMBLY RH -----	1		
-19	NAS221-10	A • SCREW -----	4		
-19A	2327015-003	• SHIM -----	AR		
-20	AN960-10	A • WASHER -----	4		
-21	MS20364-1032	A • NUT -----	4		
-22	2348041-001	• BRACKET ASSEMBLY LH -----	1		
	2348041-002	• BRACKET ASSEMBLY RH -----	1		
-23	AN24-36	A • BOLT -----	1		
-24	AN960-416	A • WASHER -----	1		
-25	AN320-4	A • NUT -----	1		
-26	MS24665-153	A • PIN-COTTER -----	1		
-27	NAS75-4-122	• SPACER -----	1		
-28	6L6-F	• BUSHING-NYLINER -----	2		
-29	2348041-007	• SPACER -----	1		
-30	AN970-4	• WASHER -----	2		
-31	NAS43HT4-37	• SPACER -----	1		
-32	2348041-008	• ROLLER ASSEMBLY WHEN EXHAUSTED USE 2317060-006 -----	1		
	DBS-5-030	• BEARING -----	2		
	2317060-006	• ROLLER -----	1		
	2317065-004	• SPACER -----	1		
-33	AN24-40	• BOLT -----	1		
-34	AN320-4	• NUT -----	1		
-35	MS24665-153	• PIN-COTTER -----	1		
-35A	6L8D	• BUSHING -----	2		
-36	2348043-008	• BRACKET -----	1		
-37	NAS222-15	A • SCREW -----	4		
-38	AN960-416	A • WASHER -----	4		
	MI4600H-048	A • DOME-NUT -----	4		
-39	1CH1-1	• SWITCH-INDICATOR LH & RH GEAR DOOR UP LSW13 & LSW14 -----	2		
-40	2348043-007	• FILLER -----	1		
		* WHEN ORDERING THIS PART ALSO ORDER ALL PARTS MARKED *			
		B SPARE FOR 2348041-008			
		A---ATTACHING PARTS			

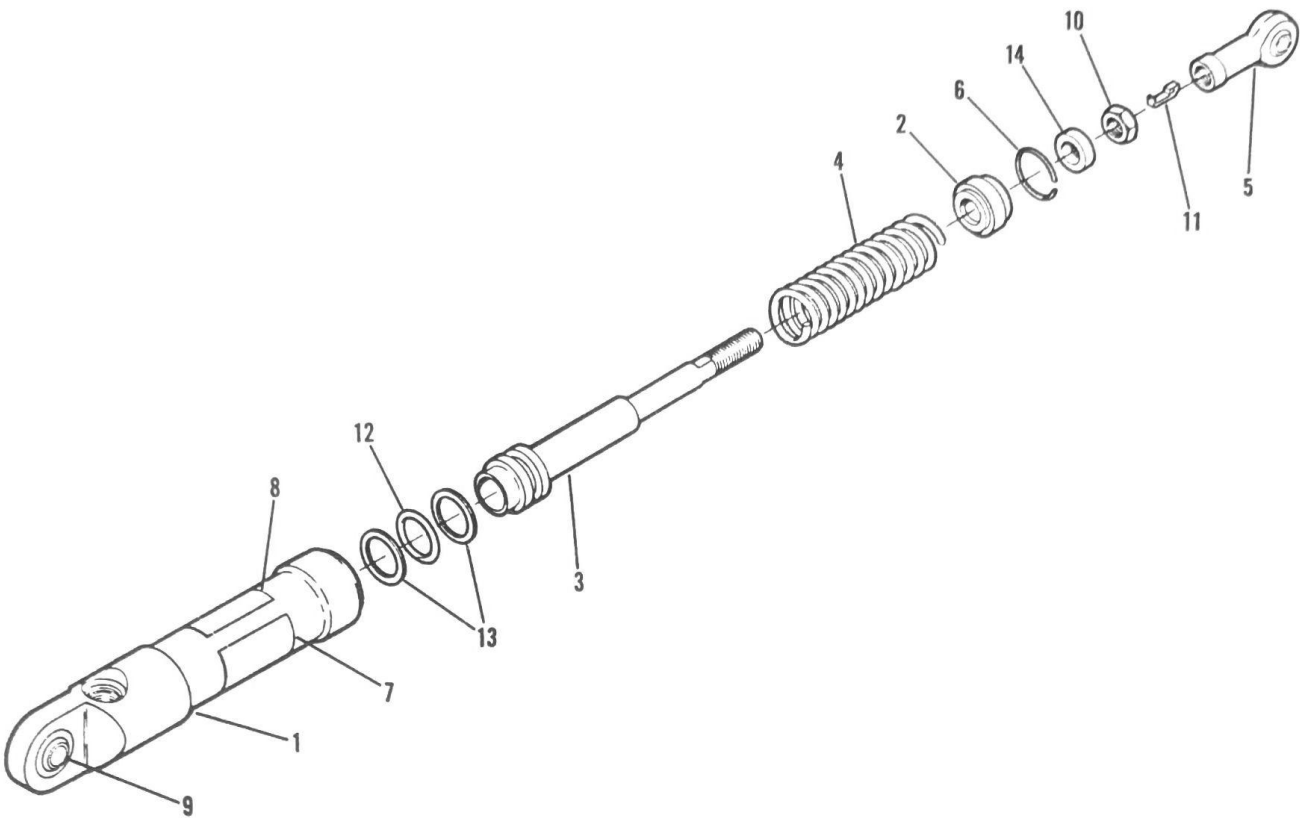


Figure 27A. Main Gear Door and Nose Gear Uplatch Actuator Assembly

11-24C

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				1	2
27A-		1 2 3 4 5 6 7			
	6600055-001	MAIN GEAR DOOR & NOSE GEAR UPLATCH ACTUATOR ASSEMBLY			
	6600055-001	• ACTUATOR ASSEMBLY-NOSE GEAR UPLATCH			
		USE VENDOR NO LMC-H310			
	LMC-H310	• ACTUATOR ASSY-MAIN GEAR DOOR UPLATCH			
		USE VENDOR NO LMC-H310			
		• ACTUATOR ASSEMBLY REF SPEC CONTROL			
		DWG 6600055-001	1		
-1		• BARREL	1		
-2		• PLUG	1		
-3		• ROD-PISTON	1		
-4		• SPRING	1		
-5	MS21243S04K	• ROD END	1		
-6		• RING-LOCK	1		
-7		• PLACARD-CAUTION	1		
-8		• PLATE-IDENTIFICATION	1		
-9	MS21233-6	• BEARING	1		
-10	NAS509-1	• NUT	1		
-11	NAS559-1	• LOCK-ROD END	1		
-12	MS28775-115	• PACKING-O RING	1		
-13	MS28782-13	• RING-BACK UP	2		
-14	MS28932C-01-10	• WIPER-FELT STRIP	1		
		A---ATTACHING PARTS			

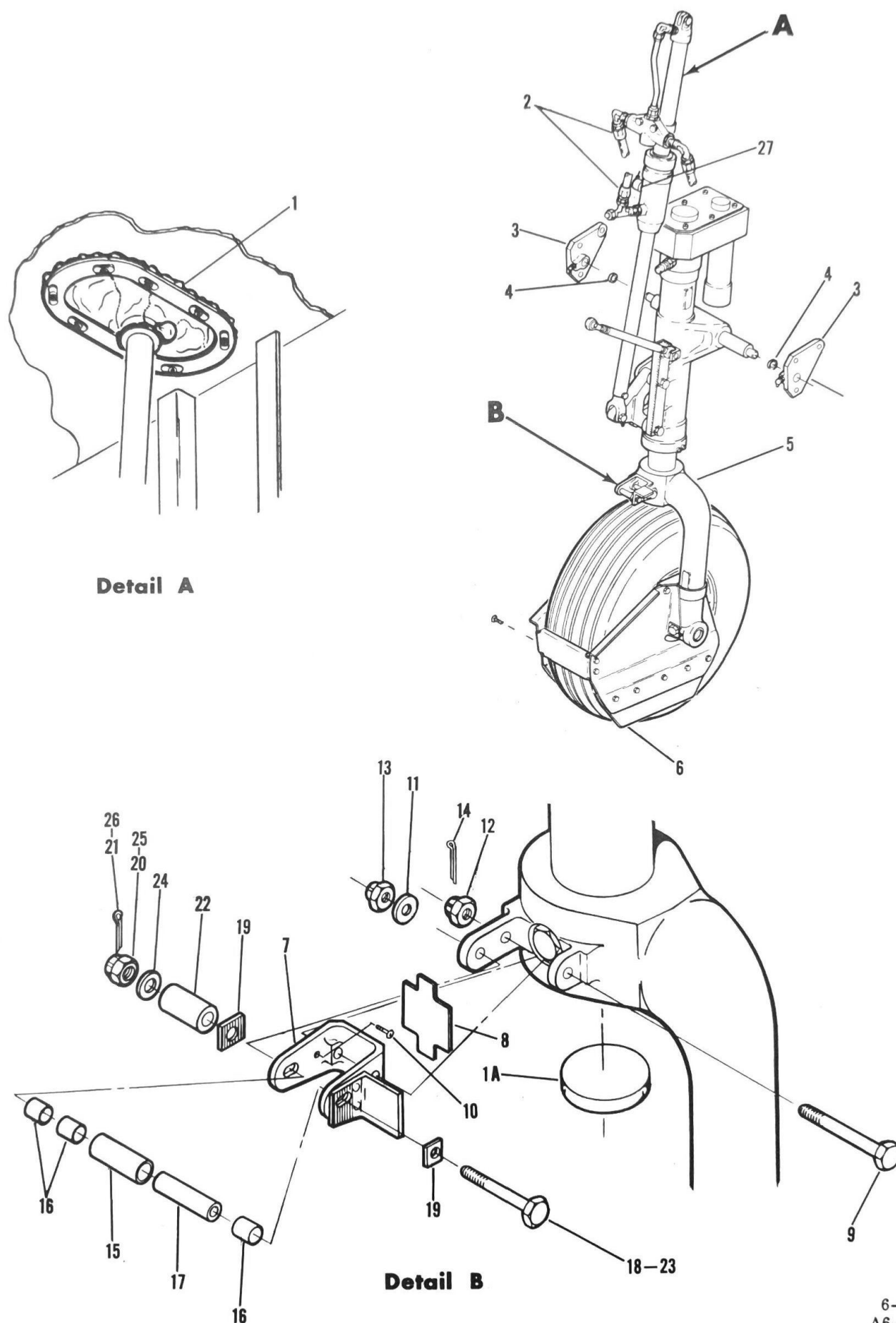
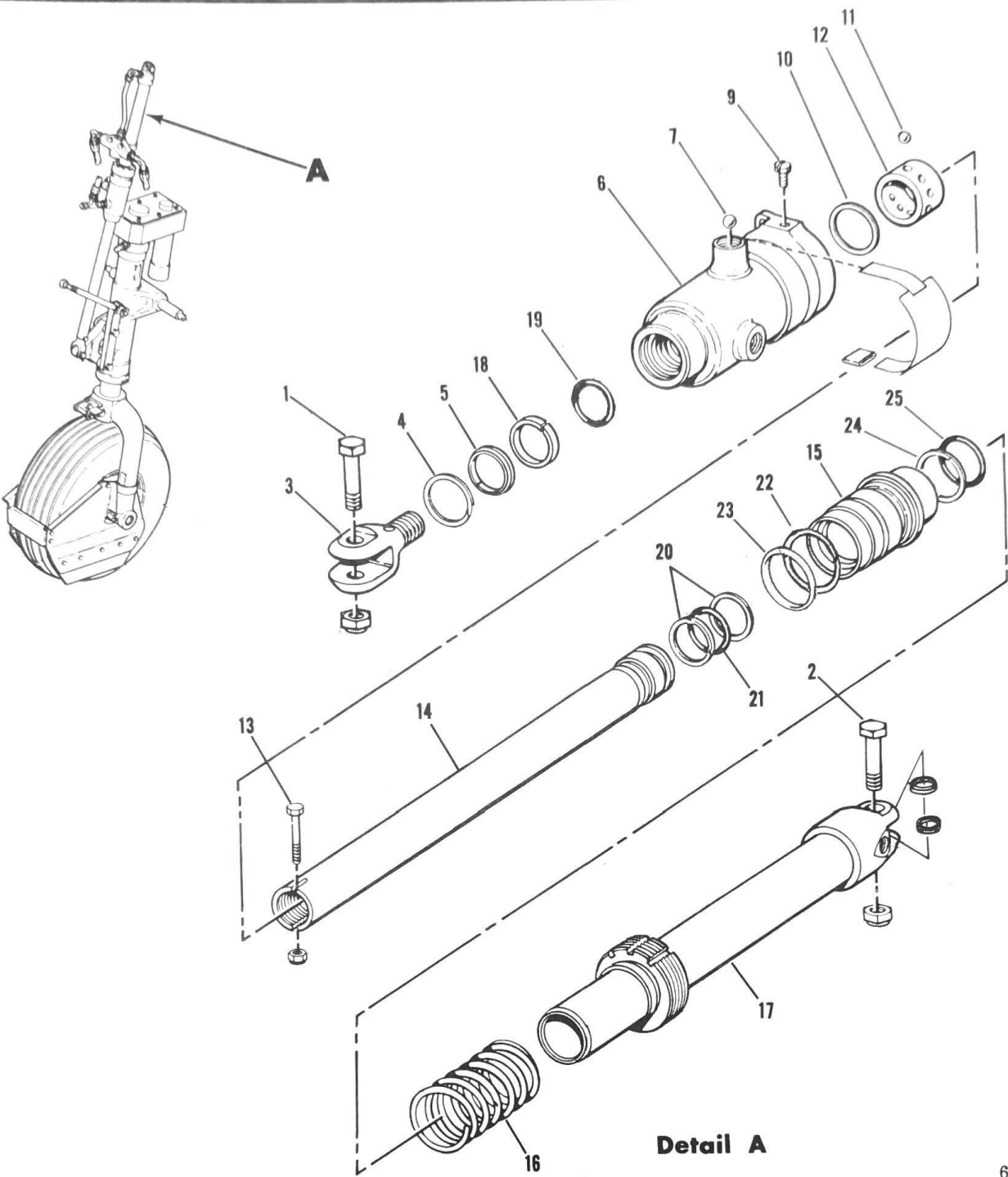


Figure 28. Nose Gear Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
28 -		NOSE GEAR INSTALLATION			
-1	2317080-002	. BOOT ASSEMBLY-NOSE GEAR ACTUATOR -----	1	A	
	NAS220-8	A . SCREW -----	9	A	
	MS20364-832	A . NUT -----	9	A	
	SEE FIGURE 29	. ACTUATOR INSTALLATION-NOSE GEAR -----	1		
	SEE FIGURE 31	. UPLATCH INSTALLATION-NOSE GEAR STRUT -----	1		
-1A	2342003-005	. SEAL-BARREL -----	1		
-2	SEE FIGURE 91	. HYDRAULIC FITTINGS INSTL-NOSE GEAR -----	REF		
		. NOSE GEAR ASSEMBLY -----	1		
-3	SEE FIGURE 11	A . BEARING ASSEMBLY -----	REF		
-4	2342000-004	A . SHIM -----	AR		
-5	SEE FIGURE 30	. . STRUT ASSEMBLY-NOSE GEAR -----	1		
	SEE FIGURE 32	. . WHEEL ASSY-NOSE GEAR B F GOODRICH -----	1	S	
	SEE FIGURE 32A	. . WHEEL ASSY-NOSE GEAR GOODYEAR -----	1	T	
		. . TIRE-TUBELESS TYPE VII 5.5 X 18 -----	1	N	
		. . TIRE-TUBELESS TYPE VII 5.5 X 18 -----			
		10 PLY -----	1	P	
		. . TIRE-TUBELESS DUAL CHINE TYPE VII -----			
		10 PLY 4.4 X 18 -----	1	Q	
-6	SEE FIGURE 31A	. . SPLASH SKIRT INSTALLATION-NOSE GEAR -----	1	R	
		. . STRUT SUPPORT INSTALLATION-UPLATCH -----	1		
-7	2317063-001	. . . SUPPORT ASSEMBLY -----	1	H	
	2317063-006	. . . SUPPORT ASSEMBLY -----	1	J	
	2317063-004	. . . SUPPORT ASSEMBLY WHEN EXHAUSTED -----			
		USE 2442010-001 -----	1	K	
	2442010-001	. . . SUPPORT ASSEMBLY -----	1	L	
-8	2317059-001	A . . . SHIM -----	1		
-9	NAS464P4-37	A . . . BOLT -----	1		
-10	AN509-10R11	A . . . SCREW -----	1	E	
-11	AN960D10L	A . . . WASHER -----	1	E	
-12	AN320-4	A . . . NUT -----	1		
-13	MS20365-1032	A . . . NUT -----	1	E	
-14	MS24665-134	A . . . PIN-COTTER -----	1		
-15	2317060-002	. . . ROLLER -----	1	G	
	2317060-005	. . . ROLLER -----	1	F	
-16	6L8D	. . . BUSHING -----	3		
-17	2317065-001	. . . SPACER -----	1		
-18	AN4-24	. . . BOLT -----	1	C	
-19	2317060-001	. . . WASHER-SERRATED -----	2	L	
	2317060-004	. . . WASHER-SERRATED -----	2	K	
-20	AN320-4	. . . NUT -----	1	C	
-21	MS24665-134	. . . PIN-COTTER -----	1	C	
-22	2317065-003	. . . SPACER -----	1	B	
-23	AN4-34	. . . BOLT -----	1	B	
-24	AN970-4	. . . WASHER -----	1	B	
-25	AN320-4	. . . NUT -----	1	B	
-26	MS24665-134	. . . PIN-COTTER -----	1	B	
-27	1CH1-6	. SWITCH-NOSE GEAR DOWN & -----			
		LOCKED LSW5 -----	1		
		A 030 & ON & A/C MOD PER SK23-86, ECR 233			
		ECR 277 OR ECR 381			
		B 060 & ON & A/C MOD PER SK23-129A OR ECR			
		233, ECR 230, ECR 277 OR ECR 381			
		C 003 THRU 059 EXCEPT A/C MOD PER			
		SK23-129A OR ECR 233, ECR 230, ECR 277			
		OR ECR 381			
		E 030 & ON EXCEPT A/C MOD PER ECR 233,			
		ECR 230 OR ECR 227			
		F 003 & ON WHEN MOD PER ECR 233, ECR 230,			
		ECR 227, ECR 277, ECR 381, ECR 392 OR			
		ECR 401			
		G 003 & ON EXCEPT A/C MOD PER ECR 233, ECR			
		230, ECR 227, ECR 277, ECR 381, ECR 392			
		OR ECR 401			
		H 003 THRU 025 EXCEPT A/C MOD PER ECR 233			
		ECR 277 OR ECR 381			
		J 026 THRU 029 EXCEPT A/C MOD PER ECR 233			
		K 030 & ON & A/C MOD PER ECR 233, ECR 230,			
		ECR 227, ECR 277 OR ECR 381			
		L 003 THRU 029 EXCEPT A/C MOD PER ECR 233			
		ECR 277 OR ECR 381			
		N 003 & ON WHEN A/C ARE EQUIPPED WITH NOSE			
		WHEEL SPLASH SKIRTS EXCEPT A/C MOD PER			
		ECR 233, ECR 230, ECR 227, ECR 277, ECR			
		381, ECR 392 OR ECR 401			
		P 003 & ON WHEN A/C ARE EQUIPPED WITH NOSE			
		WHEEL SPLASH SKIRTS & ARE MOD PER ECR			
		233, ECR 230, ECR 227, ECR 277, ECR 381,			
		ECR 392, OR ECR 401			
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
28 -		1 2 3 4 5 6 7			
	Q	003 & ON EXCEPT A/C EQUIPPED WITH NOSE WHEEL SPLASH SKIRTS			
	R	003 & ON EXCEPT A/C EQUIPPED WITH DUAL CHINE NOSE WHEEL TIRE			
	S	003 & ON WHEN A/C ARE EQUIPPED WITH B F GOODRICH NOSE WHEEL ASSYS			
	T	003 & ON WHEN A/C ARE EQUIPPED WITH GOODYEAR NOSE WHEEL ASSYS			
		A---ATTACHING PARTS			





Detail A

6-2C  
A11-32B

Figure 29. Nose Gear Actuator Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
29 -		1 2 3 4 5 6 7			
	2380044-003	NOSE GEAR ACTUATOR INSTALLATION	1	A	
	1202-2008	• ACTUATOR ASSEMBLY-NOSE GEAR	1	B	
	2317100-001	• ACTUATOR ASSEMBLY-NOSE GEAR WHEN EXHAUSTED USE 2317100-001	1	C	
	2317100-003	• ACTUATOR ASSEMBLY-NOSE GEAR WHEN EXHAUSTED USE 2317100-003	1	Q	
	2317100-004	• ACTUATOR ASSEMBLY-NOSE GEAR WHEN EXHAUSTED USE 2317100-004	1	R	
	2317100-005	• ACTUATOR ASSEMBLY-NOSE GEAR WHEN EXHAUSTED USE 2317100-005	1	S	
		• ACTUATOR ASSEMBLY-NOSE GEAR	1		
		CONTINUED			
		A---ATTACHING PARTS			

MODEL 23

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
29 -1	NAS464P7LA19	A . BOLT -----	1		
	MS20364-720	A . NUT -----	1		
-2	NAS464P7L53	A . BOLT -----	1		
	NAS43007-25	A . SPACER -----	2		
	2310523-003	A . WASHER -----	2		
	AN320C7	A . NUT -----	1		
	MS24665-231	A . PIN-COTTER -----	1		
-3	1202-205A	• . ROD END WHEN EXHAUSTED USE 2317103-001 -----	1	G	
	2317103-001	• . ROD END -----	1	D	
-4	RR-140C	• . RING-RETAINING -----	1		
-5	MS28776-11	• . SCRAPER-ROD -----	1	E	
-6	1202-211A	• . HOUSING -----	1		
	1202-211B	• . HOUSING WHEN EXHAUSTED USE 2317108-001 -----	1	F	
	2317108-001	• . HOUSING WHEN EXHAUSTED USE 2317108-003 -----	1	P	
	2317108-003	• . HOUSING -----	1	M	
-7	MS134357	• . BALL-SWITCH ACTUATING -----	1		
-9	AN501A10-6	• . SCREW -----	1		
-10	1202-212A	• . SHIM WHEN EXHAUSTED USE 2317109-001 OR 2317109-002 -----	AR	G	
	2317109-001	• . SHIM .030 -----	AR	D	
	2317109-002	• . SHIM .080 -----	AR	D	
-11	MS19059-88	• . BALL .250 STAINLESS STEEL -----	10	E	
-12	1202-207	• . HOUSING-BALL -----	1		
	1202-207A	• . HOUSING-BALL WHEN EXHAUSTED USE 2317104-001 -----	1	F	
	2317104-001	• . HOUSING-BALL -----	1	D	
-13	NAS464P3A16	• . BOLT -----	1		
	MS20364-1032	• . NUT -----	1	E	
-14	1202-204	• . PISTON -----	1		
	1202-204A	• . PISTON WHEN EXHAUSTED USE 2317102-001 -----	1	F	
	2317102-001	• . PISTON WHEN EXHAUSTED USE 2317102-002 -----	1	T	
	2317102-002	• . PISTON -----	1	N	
-15	1202-209	• . PLUNGER -----	1	E	
	1202-209A	• . PLUNGER WHEN EXHAUSTED USE 2317105-001 -----	1	F	
	2317105-001	• . PLUNGER -----	1	D	
-16	1202-210	• . SPRING -----	1	E	
	1202-210A	• . SPRING WHEN EXHAUSTED USE 2317106-001 -----	1	F	
	2317106-001	• . SPRING -----	1	D	
-17	1202-202	• . CYLINDER ASSEMBLY -----	1	E	
	1202-202B	• . CYLINDER ASSEMBLY WHEN EXHAUSTED USE 2317101-001 -----	1	F	
	2317101-001	• . CYLINDER ASSY WHEN EXHAUSTED USE 2317101-012 -----	1	U	
	2317101-012	• . CYLINDER ASSY -----	1	V	
	2391700-002	• . KIT-NOSE GEAR ACTUATOR REPAIR -----	1	E	
	2391700-001	• . KIT-NOSE GEAR ACTUATOR REPAIR -----	1	H	
-18	MS28932C-03-09	• . STRIP-FELT PACKING GLAND -----	1	K	
-19	2307016-001	• . PACKING-O RING -----	1	K	
-20	MS28774-215	• . RING-BACK UP -----	2	L	
	MS28774-217	• . RING-BACK UP -----	2	J	
-21	MS28775-215	• . PACKING-O RING -----	1	J	
	MS28775-217	• . PACKING-O RING -----	1	J	
-22	MS28774-224	• . RING-BACK UP -----	1	J	
-23	MS28775-223	• . PACKING-O RING -----	1	J	
	MS28775-224	• . PACKING-O RING -----	1	J	
-24	MS28774-223	• . RING-BACK UP -----	1	J	
-25	MS28775-222	• . PACKING-O RING -----	1	L	
	MS28775-223	• . PACKING-O RING -----	1	J	
		A 003 THRU 025 EXCEPT A/C MOD PER SK23-214 ECR 233, ECR 277 OR ECR 381			
		B 026 & ON & A/C MOD PER SK23-214 OR ECR 233, ECR 277 OR ECR 381			
		C SPARE FOR 1202-200B ACTUATOR ASSY			
		D COMPONENT OF 2317100-001, -003, -004 & -005 ACTUATOR ASSYS			
		E COMPONENT OF 2380044-003 ACTUATOR ASSY			
		F COMPONENT OF 1202-200B ACTUATOR ASSY			
		G COMPONENT OF 2380044-003 & 1202-200B ACTUATOR ASSYS			
		H COMPONENT OF 1202-200B, 2317100-001, -003, -004 & -005 ACTUATOR ASSYS			
		J COMPONENT OF 2391700-001 KIT			
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
29 -		1 2 3 4 5 6 7			
	K	COMPONENT OF 2391700-001 & 2391700-002 KITS			
	L	COMPONENT OF 2391700-002 KIT			
	M	COMPONENT OF 2317100-004 & -005 ACTUATOR ASSYS			
	N	COMPONENT OF 2317100-003, -004 & -005 ACTUATOR ASSYS			
	P	COMPONENT OF 2317100-001 & -003 ACTUATOR ASSYS			
	Q	SPARE FOR 2317100-001 ACTUATOR ASSY			
	R	SPARE FOR 2317100-003 ACTUATOR ASSY			
	S	SPARE FOR 2317100-004 ACTUATOR ASSY			
	T	COMPONENT OF 2317100-001 ACTUATOR ASSY			
	U	COMPONENT OF 2317100-001, -003, -004 ACTUATOR ASSYS			
	V	COMPONENT OF 2317100-005 ACTUATOR ASSY			
		A---ATTACHING PARTS			

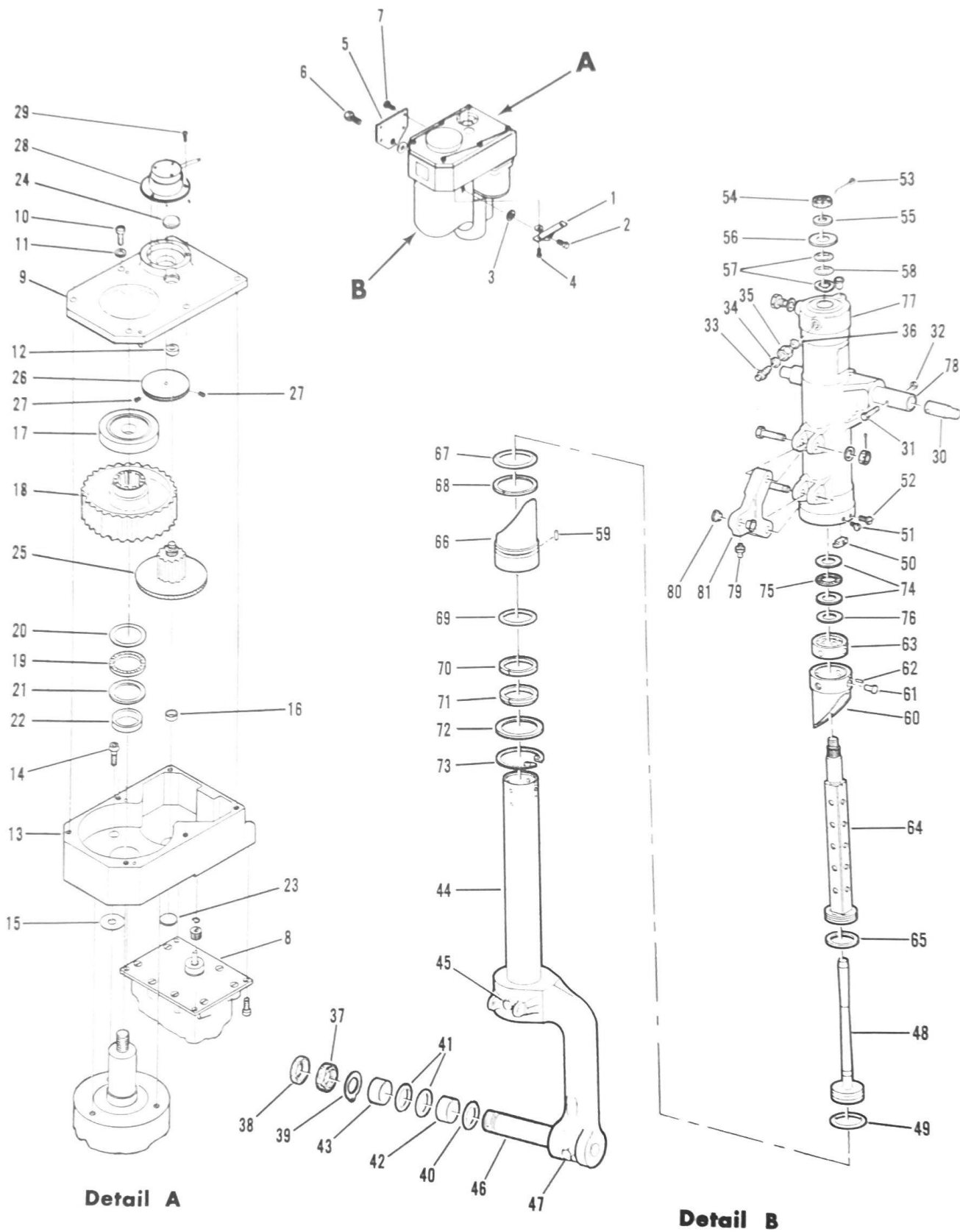


Figure 30. Nose Gear Strut Assembly

A6-11C  
B6-20C

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
30 -	2380032-002	NOSE GEAR STEERING & STRUT ASSY FOR			
	2381183-003	SPARES USE 2381183-003	1	A	
	2380032-010	NOSE GEAR STEERING & STRUT ASSY FOR	1	B	
	2381183-004	SPARES USE 2380032-021	1	C	
	2380032-013	NOSE GEAR STEERING & STRUT ASSY FOR	1	D	
	2380032-021	SPARES USE 2380032-021	1	E	
	2380032-022	NOSE GEAR STEERING & STRUT ASSY WHEN	1	F	
	2380032-026	EXHAUSTED USE 2380032-022	1	G	
	2380144-001	NOSE GEAR STEERING & STRUT ASSY WHEN	1	H	
	2380032-024	EXHAUSTED USE 2380032-026	1	J	
	2380032-027	NOSE GEAR STEERING & STRUT ASSY WHEN	1	K	
	2380032-028	EXHAUSTED USE 2380032-027	1	L	
	2380032-029	NOSE GEAR STEERING & STRUT ASSY WHEN	1	M	
	2342003-002	EXHAUSTED USE 2342003-002	1	N	
	2342003-004	NOSE GEAR STEERING & STRUT ASSY WHEN	1	P	
	2342003-006	EXHAUSTED USE 2342003-004	1	Q	
	2381183-002	NOSE GEAR STEERING & STRUT ASSY	1	R	
	2342020-004	• MECHANISM ASSY-NOSE GEAR STEERING SEE GATES LEARJET CORP MANUAL 1711-4 FOR BREAKDOWN	1	S	
	2380144-006	• MECHANISM ASSY-NOSE GEAR STEERING • MECHANISM ASSY-NOSE GEAR STEERING SEE GATES LEARJET CORP MANUAL 1711-4 FOR BREAKDOWN	1	T	
-1	9-1020-19	A • BRACKET-GEAR BOX ATTACHMENT	1	U	
-2	AN814-2CL	A • PLUG	1	AC	
-3	NAS1598-5Y	A • GASKET-O RING	1	AC	
-4	AN502-10-6	A • SCREW	1	AC	
	AN960-10L	A • WASHER	AR	AC	
-5	9-1020-20	A • BRACKET	1	AC	
-6	AN814-5L	A • PLUG	1	AC	
	AN901-5C	A • GASKET-O RING	1	AC	
-7	AN502-10-6	A • SCREW	4	AC	
-8	2380066-012	• • DRIVE ASSY-SERVO SEE GATES LEARJET CORP MANUAL 1711-5 FOR BREAKDOWN WHEN EXHAUSTED USE 2380066-022	1	Y	
	2380066-022	• • DRIVE ASSY-SERVO SEE GATES LEARJET CORP MANUAL 1711-5 FOR BREAKDOWN ALT FOR 2380066-012	1	Y	
	2380066-043	• • DRIVE ASSY-SERVO SEE GATES LEARJET CORP MANUAL 1711-5 FOR BREAKDOWN ALT FOR 2380066-012	1	Y	
	2380066-062	• • DRIVE ASSY-SERVO SEE GATES LEARJET CORP MANUAL 1711-5 FOR BREAKDOWN ALT FOR 2380066-012	1	Y	
	2380144-007	• • DRIVE ASSY-SERVO SEE GATES LEARJET CORP MANUAL 1711-4 FOR BREAKDOWN	1	Y	
	NAS464-4-8	• • BOLT	2	W	
	AN935-416	• • WASHER	2	AD	
	AN509C416R8	• • SCREW	1	AD	
	AN343A	• • BOLT	4	Y	
		• • GEAR BOX ASSY NOSE GEAR STEERING FOR SPARES ORDER 2381183-002 MECHANISM ASSY	1	X	
		• • GEAR BOX ASSY NOSE GEAR STEERING FOR SPARES ORDER 2380144-006 MECHANISM ASSY	1	W	
	2394201-002	• • KIT-GEAR BOX ASSY NOSE GEAR STEERING SPECIAL SPARE	1	Y	
-9	2342025-004	• • • LID ASSY-GEAR BOX	1	Z	
-10	AN502-10-10	A • • • SCREW	6	Z	
-11	AN960-10L	A • • • WASHER	6	Z	
-12	2342025-003	• • • BUSHING	1	AA	
-13	2342021-001	• • • CASE ASSY-GEAR BOX	1	Z	
-14	NAS144-13	A • • • BOLT	3	Z	
-15	2342020-002	A • • • SPACER-LAMINATED	3	Z	
	AN960-416	A • • • WASHER ALT FOR 2342020-002	AR	Z	
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
30 -	MS21209F1-20	. . . . INSERT -----	6	AB	
-16	2342021-003	. . . . BUSHING -----	1	AB	
-17	R-22	. . . . BEARING-BALL -----	1	Z	
-18	2342022-001	. . . . GEAR-MAIN DRIVE -----	1	Z	
-19	NTA1625	. . . . BEARING-THRUST -----	1	Z	
-20	TRA1625	. . . . RACE-BEARING -----	1	Z	
-21	TRC1625	. . . . RACE-BEARING -----	1	Z	
-22	B166-OH	. . . . BEARING-ROLLER -----	1	Z	
-23	2342026-001	. . . . PLUG-GEARBOX -----	1	Z	
-24	2342026-002	. . . . PLUG-GEARBOX -----	1	Z	
-25	2342024-006	. . . . GEAR-CLUSTER -----	1	Z	
-26	2342023-001	. . . . GEAR-FOLLOW UP POTENTIOMETER -----	1	Z	
-27	AN565D4H2	. . . . SCREW-SET -----	2	Z	
-28	2380077-007	. . . . FOLLOW UP ASSY-NOSE STEERING -----	1	Z	
-29	AN500A4-5	A . . . . SCREW -----	3	Z	
		. . . . STRUT ASSY-NOSE GEAR FOR SPARES -----	1	AE	
	2342100-001	. . . . USE 2342100-001 -----	1	AF	
	2342100-005	. . . . STRUT ASSY-NOSE GEAR WHEN EXHAUSTED -----	1	AG	
	2342100-007	. . . . USE 2342100-007 -----	1	AG	
	1640-00	. . . . STRUT ASSY-NOSE GEAR WHEN EXHAUSTED -----	1	AG	
		. . . . USE 1640-00 -----	1	AG	
		. . . . STRUT ASSY-NOSE GEAR ALT FOR -----	1	AG	
	2342100-007	. . . . 2342100-007 -----	1	AG	
-30	2342108-001	. . . . PIN-NOSE GEAR -----	2	AH	
-31	AN3-14A	A . . . . BOLT -----	2	AH	
-32	MS20364-1032	A . . . . NUT -----	2	AH	
-33	SK-15171	. . . . VALVE ASSY-AIR -----	1	AJ	
	MS28889-1	. . . . VALVE ASSY-AIR -----	1	T	
	MS24690	. . . . PACKING-O RING -----	1	AK	
	AN622783	. . . . PACKING-O RING -----	1	AK	
-34	AN901-5C	. . . . GASKET -----	1	AJ	
-35	2380032-003	. . . . FITTING -----	1	AJ	
-36	MS28778-6	. . . . PACKING-O RING -----	1	AJ	
-37	2342118-002	. . . . NUT -----	1	AH	
	MS24665-353	. . . . PIN-COTTER -----	1	AH	
-38	2342121-001	. . . . NUT-JAMB -----	1	AL	
-39	2442002-001	. . . . WASHER-AXLE LOCKING -----	1	AH	
-40	MS28775-025	. . . . PACKING-O RING -----	1	AH	
-41	MS28775-028	. . . . PACKING-O RING -----	1	AH	
-42	2380032-011	. . . . SPACER -----	1	AL	
	2342120-001	. . . . SPACER -----	1	AM	
-43	2380032-011	. . . . SPACER -----	1	AL	
	2342120-002	. . . . SPACER -----	1	AM	
	2342100-002	. . . . PISTON ASSY-NOSE GEAR STRUT -----	1	AH	
-44	2342104-001	. . . . PISTON -----	1	AH	
-45	NAS1108-55	A . . . . BOLT -----	1	AH	
	MS20364-820	A . . . . NUT -----	1	AH	
-46	2342117-001	. . . . AXLE -----	1	AH	
-47	NAS1108-42	A . . . . BOLT -----	1	AH	
	MS20364-820	A . . . . NUT -----	1	AH	
-48	1202-6	. . . . PIN-METERING WHEN EXHAUSTED USE -----	1	AH	
	2342109-001	. . . . 2342109-001 -----	1	AH	
-49	732J8MS-987-P5	* . . . . PIN-METERING -----	1	AH	
-50	2342115-001	. . . . PACKING-GT RING -----	1	AH	
-51	AN500A6-10	A . . . . LOCK-SNAP RING -----	1	AH	
-52	AN500A6-4	. . . . SCREW -----	1	AH	
-53	AN381-4-16	. . . . SCREW -----	1	AH	
-54	AN320-10	. . . . PIN-COTTER -----	1	AH	
-55	AN960-1016	. . . . NUT -----	1	AH	
-56	1202-11	. . . . WASHER -----	1	AH	
		. . . . RETAINER-SEAL WHEN EXHAUSTED USE -----	1	AH	
	2342107-001	. . . . 2342107-001 -----	1	AH	
-57	MS28782-19	* . . . . RETAINER-SEAL -----	1	AH	
-58	MS28775-214	* . . . . RING-BACK UP -----	2	AH	
-59	2442012-001	. . . . PACKING-O RING -----	1	AH	
-60	1202-3A	. . . . PIN-DOWEL -----	1	AH	
		. . . . CAM-UPPER WHEN EXHAUSTED USE -----	1	AH	
	2342103-001	. . . . 2342103-001 -----	1	AH	
-61	1202-30	. . . . CAM-UPPER -----	1	AH	
		. . . . PIN-PISTON HEAD WHEN EXHAUSTED -----	1	AH	
	2342114-001	. . . . USE 2342114-001 -----	4	AH	
-62	MS9048-066	. . . . PIN-PISTON HEAD -----	4	AH	
	MS16562-22	. . . . PIN-ROLL -----	1	AH	
-63	1202-1	. . . . PIN-ROLL ALT FOR MS9048-066 -----	1	AH	
	2342101-001	. . . . BLOCK-TORQUE -----	1	AN	
-64	1202-26	. . . . BLOCK-TORQUE -----	1	AP	
	2481030-002	. . . . TUBE ASSY-ORIFICE SUPPORT -----	1	AQ	
	1202-26A	. . . . TUBE ASSY-ORIFICE SUPPORT -----	1	AR	
		. . . . TUBE ASSY-ORIFICE SUPPORT -----	1	AS	
		CONTINUED			
		A---ATTACHING PARTS			



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
30 -	2380032-030	. . TUBE ASSY-ORIFICE SUPPORT WHEN EXHAUSTED USE 2342113-001 -----	1	AT	
-65	2342113-001 101-21	. . TUBE ASSY-ORIFICE SUPPORT ----- . . RING-ORIFICE SUPPORT HEAD WHEN EXHAUSTED USE 2307018-001 -----	1 1	AU	
-66	2307018-001 1202-9A	. . RING-ORIFICE SUPPORT HEAD ----- . . FOLLOWER-CAM WHEN EXHAUSTED USE 2342106-001 -----	1 1	AH	
-67	2342106-001	. . FOLLOWER-CAM -----	1	AH	
-68	MS28775-336 *	. . PACKING-O RING -----	1	AH	
-69	MS28774-336 *	. . RING-BACK UP -----	1	AH	
-70	7333FT-987-P5 *	. . PACKING-GT RING -----	1	AH	
-71	MS28932C-07-14 *	. . STRIP-FELT PACKING GLAND -----	1	AH	
-72	425000-A *	. . SCRAPER-ROD -----	1	AH	
-73	2342105-001	. . RETAINER-ROD -----	1	AH	
-74	N5002-334	. . RING-SNAP -----	1	AH	
-75	TRA1625	. . PLATE-THRUST -----	AR	AH	
-76	NTA1625	. . BEARING ASSY-NEEDLE -----	1	AH	
	1202-17	. . SPACER-BEARING WHEN EXHAUSTED USE 2342112-001 -----	1	AH	
	2342112-001	. . SPACER-BEARING -----	1	AH	
	2342100-003	. . BARREL ASSY-NOSE GEAR STRUT -----	1	AH	
-77	2342102-001	. . BARREL ASSY -----	1	AH	
-78	2342110-001	. . AXLE-TRUNNION -----	1	AH	
	NAS1104-37	A . . BOLT -----	1	AH	
	MS20364-428	A . . NUT -----	1	AH	
	1202-15	. . BRACKET ASSY-ACTUATOR WHEN EXHAUSTED USE 2342111-001 -----	1	AH	
	2342111-001	. . BRACKET ASSY-ACTUATOR -----	1	AH	
-79	SEE FIGURE 33	A . . ATTACHING PARTS FOR BRACKET ASSY -----	REF	AH	
-80	17438	. . LUBRICATOR -----	1	AH	
-81	NAS77A7-28	. . BUSHING -----	2	AH	
	1202-15-1	. . BRACKET WHEN EXHAUSTED USE . . 2342111-002 -----	1	AH	
-100	2342111-002	. . BRACKET -----	1	AH	
	2394205-002	. . KIT-NOSE GEAR STRUT ASSY REPAIR KIT ----- . . COMPONENTS CONSIST OF ITEMS WITH AN * IN THE PART NUMBER COLUMN	1	AH	
		* 2394205-002 STRUT ASSY REPAIR KIT COMPONENT			
		A 003 THRU 025 EXCEPT A/C MOD PER SK23-148 OR ECR 233, ECR 277 OR ECR 381 & EXCEPT A/C EQUIPPED WITH 2380032-010, -013, -021, -022 OR -026			
		B 003 THRU 025 WHEN MOD PER SK23-148 EXCEPT A/C MOD PER ECR 233, ECR 277 OR ECR 381 & EXCEPT A/C EQUIPPED WITH 2380032-010, -013, -021, -022 OR -026			
		C 026 THRU 029 EXCEPT A/C MOD PER SK23-148 OR ECR 233			
		D 026 THRU 029 WHEN MOD PER SK23-148 EX- CEPT A/C MOD PER ECR 233			
		E 030 THRU 070 EXCEPT A/C MOD PER SK23-148 OR ECR 233, ECR 230 OR ECR 227			
		F 071 & ON & 030 THRU 070 WHEN MOD PER SK23-148 EXCEPT A/C MOD PER ECR 233, ECR 230 OR ECR 227			
		G SPARE FOR 2380032-021 STEERING & STRUT ASSY			
		H SPARE FOR 2380032-022 STEERING & STRUT ASSY			
		J 003 THRU 025 WHEN MOD PER ECR 233, ECR 277 OR ECR 381			
		K 026 & ON WHEN MOD PER ECR 233, ECR 230 OR ECR 227			
		L SPARE FOR 2380032-024 STEERING & STRUT ASSY			
		M SPARE FOR 2380032-027 STEERING & STRUT ASSY			
		N SPARE FOR 2380032-028 STEERING & STRUT ASSY			
		P SPARE FOR 2380032-029 STEERING & STRUT ASSY			
		Q SPARE FOR 2342003-002 STEERING & STRUT ASSY			
		R SPARE FOR 2342003-004 STEERING & STRUT ASSY			
		CONTINUED A---ATTACHING PARTS			



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
30 -	S	USED ON 2381183-003 & 2380032-002			
	T	STEERING & STRUT ASSY			
		USED ON 2380032-010, -013, -021, -022,			
		-024, -026, -027, -028, -029 &			
		2342003-002, -004, -006 & 2381183-004			
		STEERING & STRUT ASSY			
	U	USED ON 2380144-001 STEERING &			
		STRUT ASSY			
	W	USED ON 2380144-006 MECHANISM ASSY			
	X	USED ON 2381183-002 MECHANISM ASSY			
	Y	USED ON 2342020-004 MECHANISM ASSY			
	Z	COMPONENT OF 2394201-002 KIT			
	AA	COMPONENT OF 2342025-004 LID ASSY			
	AB	COMPONENT OF 2342021-001 CASE ASSY			
	AC	ATTACHMENT FOR 2381183-002 & 2380144-006			
		MECHANISM ASSY			
	AD	USED ON 2381183-002 & 2380144-006			
		MECHANISM ASSY			
	AE	USED ON 2380032-002, -010, -013, -021,			
		-022, -024, -026, -027, -028, -029,			
		2381183-003 & -004 & 2380144-001			
		STEERING & STRUT ASSY			
	AF	USED ON 2342003-002 STEERING & STRUT			
		ASSY			
	AG	USED ON 2342003-004 & -006 STEERING &			
		STRUT ASSY			
	AH	003 & ON			
	AJ	USED ON 2380032-002, 2381183-003 &			
		2380144-001 STEERING & STRUT ASSY			
	AK	USED ON MS28889-1 VALVE ASSY			
	AL	USED ON A/C EQUIPPED WITH GOODRICH WHEEL			
	AM	USED ON A/C EQUIPPED WITH GOODYEAR WHEEL			
	AN	USED ON 2380032-002, -010, -013, -021,			
		-022, -024, -026, -027, -028, 2381183			
		-003 & -004 & 2380144-001 STEERING &			
		STRUT ASSY UNLESS MOD 2 IS STEEL STAMPED			
		ON THE NAME PLATE			
	AP	USED ON 2380032-029, 2342003-002, -004,			
		OR -006 STRUT ASSY & ON OTHER ASSYS THAT			
		HAVE MOD 2 STEEL STAMPED ON THE NAME			
		PLATE			
	AQ	USED ON 2380032-002, 2381183-003 &			
		2380144-001 STEERING & STRUT ASSY UNLESS			
		MOD 2 IS STEEL STAMPED ON THE NAME PLATE			
	AR	USED ON 2380032-002, 2381183-003 &			
		2380144-001 STEERING & STRUT ASSY WHEN			
		MOD 2 IS STEEL STAMPED ON THE NAME PLATE			
	AS	USED ON 2380032-010, -013, -021, -022,			
		024, -026, -027, -028 & 2381183-004			
		STEERING STRUT ASSY UNLESS MOD 2 IS			
		STEEL STAMPED ON THE NAME PLATE			
	AT	USED ON 2380032-029 STEERING & STRUT			
		ASSY & OTHER ASSYS WITH MOD 2 STEEL			
		STAMPED ON THE NAME PLATE EXCEPT			
		2380032-002, 2381183-003 & 2380144-001			
		WITH MOD 2			
	AU	USED ON 2342003-002, -004 & -006			
		STEERING STRUT ASSY			
		A---ATTACHING PARTS			

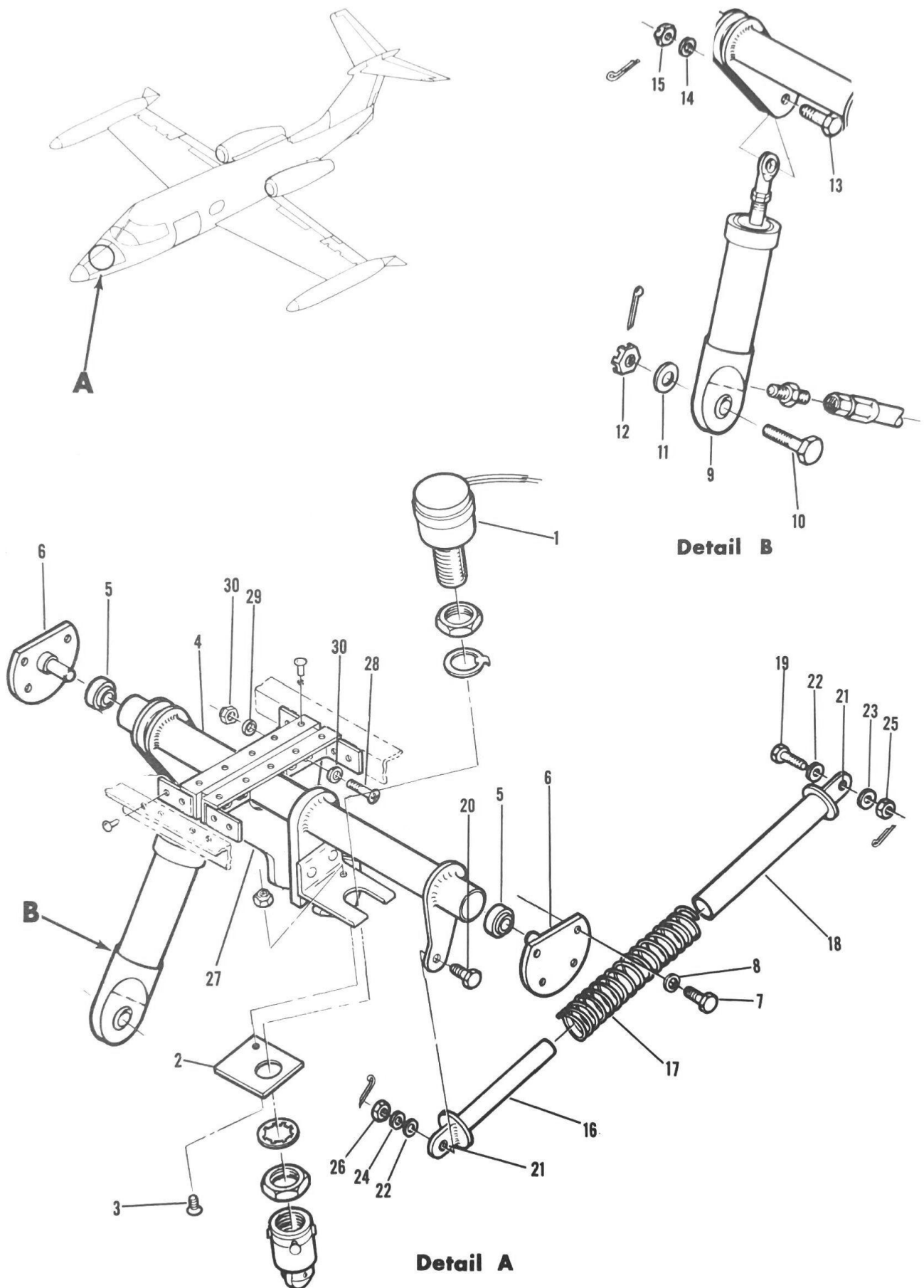


Figure 31. Nose Gear Uplatch Installation

A6-4C  
A6-4C-1

MODEL 23

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
31 -		1 2 3 4 5 6 7			
-1	SEE FIGURE 28	NOSE GEAR UPLATCH INSTALLATION	REF		
-2	1CH1-6	• STRUT SUPPORT INSTALLATION-UPLATCH	1	B	
-3	21CH9-6	• SWITCH-NOSE GEAR UP & LOCKED IND	1	C	
-4	2317023-021	• SWITCH-NOSE GEAR UP & LOCKED IND	1	C	
-5	AN515-8R7	• SPACER-SWITCH	1		
-6	AN96008	A • SCREW	1		
-7	MS20364-832	A • WASHER	1		
-8	2317029-001	A • NUT	1	D	
-9	2317029-011	• TUBE ASSEMBLY-NOSE GEAR DOOR	1	E	
-10	2317029-016	• TUBE ASSEMBLY-NOSE GEAR DOOR	1	F	
-11	2317029-017	• TUBE ASSEMBLY-NOSE GEAR DOOR	1	G	
-12	2317029-023	• TUBE ASSEMBLY-NOSE GEAR DOOR	1	H	
-13	LHBV-5	• BEARING	2		
-14	KSRG-5N	• BEARING ALT FOR LHBV-5	2		
-15	LHBR-5	• BEARING ALT FOR LHBV-5	2		
-16	2317058-002	• PIVOT ASSEMBLY	8		
-17	NAS221-11	A • SCREW	8		
-18	AN960010L	A • WASHER	1		
-19	SEE FIGURE 27A	• ACTUATOR ASSEMBLY-NOSE GEAR UPLATCH	1		
-20	NAS464P6-8	A • BOLT	1		
-21	AN9600616L	A • WASHER	1		
-22	AN320-6	A • NUT	1		
-23	MS24665-154	A • PIN-COTTER	1		
-24	NAS464P4-8	A • BOLT	2		
-25	AN9600416L	A • WASHER	1		
-26	AN320-4	A • NUT	1		
-27	MS24665-154	A • PIN-COTTER	1	D	
-28	2348045-008	• GUIDE ASSEMBLY-INNER SPRING	1	D	
-29	2317062-001	• SPRING	1	D	
-30	2348045-009	• GUIDE ASSEMBLY-OUTER SPRING	1	D	
-31	AN3-4	A • BOLT	1	D	
-32	AN3-5	A • BOLT	2	D	
-33	2317060-003	A • BUSHING	2	D	
-34	AN9600416	A • WASHER	1	D	
-35	AN960010L	A • WASHER	1	D	
-36	AN960010	A • WASHER	1	D	
-37	AN320-3	A • NUT	1	D	
-38	AN310-3	A • NUT	2	D	
-39	MS24665-154	A • PIN-COTTER	1	A	
-40	2317086-001	• CAM-SAFETY	4	A	
-41	AN3-6A	A • BOLT	8	A	
-42	AN960PD10	A • WASHER	4	A	
-43	MS20364-1032	A • NUT			
		A 060 & ON & A/C MOD PER SK23-129A			
		B 003 THRU 029 EXCEPT A/C MOD PER ECR 233			
		ECR 277 OR ECR 381			
		C 030 & ON & A/C MOD PER ECR 233, ECR 277			
		OR ECR 381			
		D 003 THRU 009 EXCEPT A/C MOD PER ECR 233			
		E 010 THRU 029 EXCEPT A/C MOD PER ECR 233			
		ECR 277 OR ECR 381			
		F 030 THRU 049 EXCEPT A/C MOD PER ECR 233			
		OR ECR 230			
		G 050 THRU 069 EXCEPT A/C MOD PER ECR 230			
		H 070 & ON & A/C MOD PER ECR 233 OR			
		ECR 277 OR ECR 381			
		A---ATTACHING PARTS			

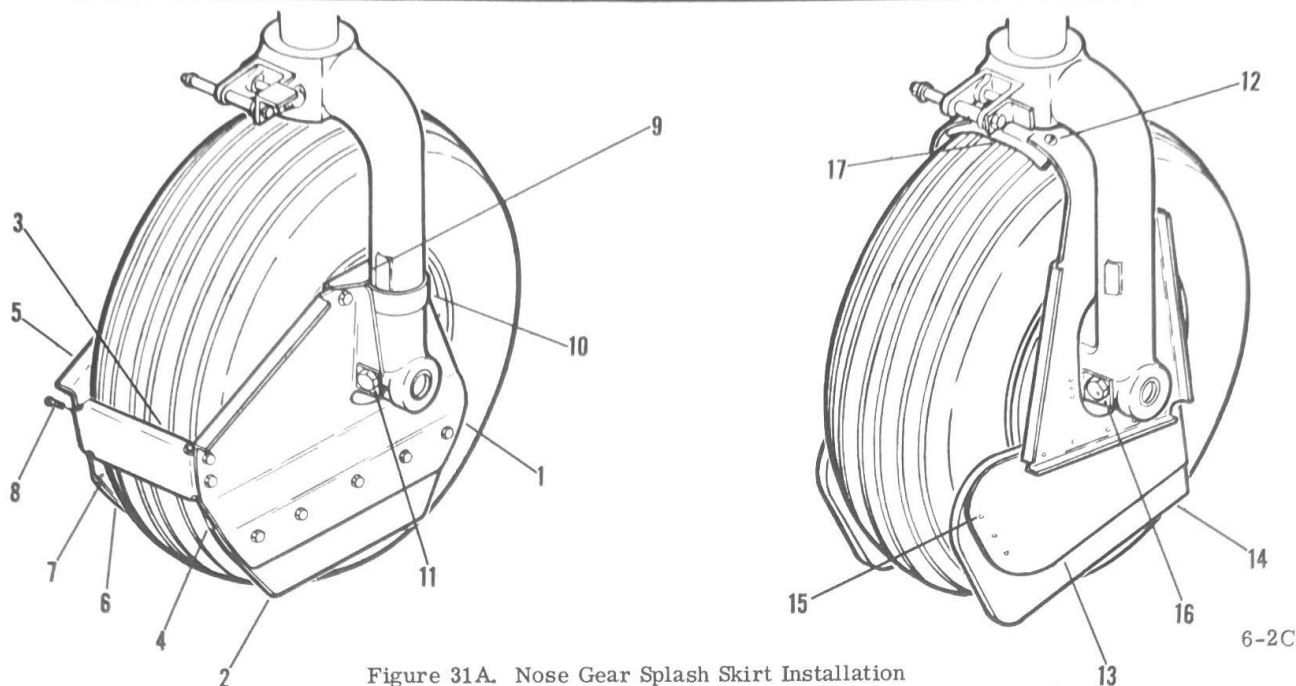
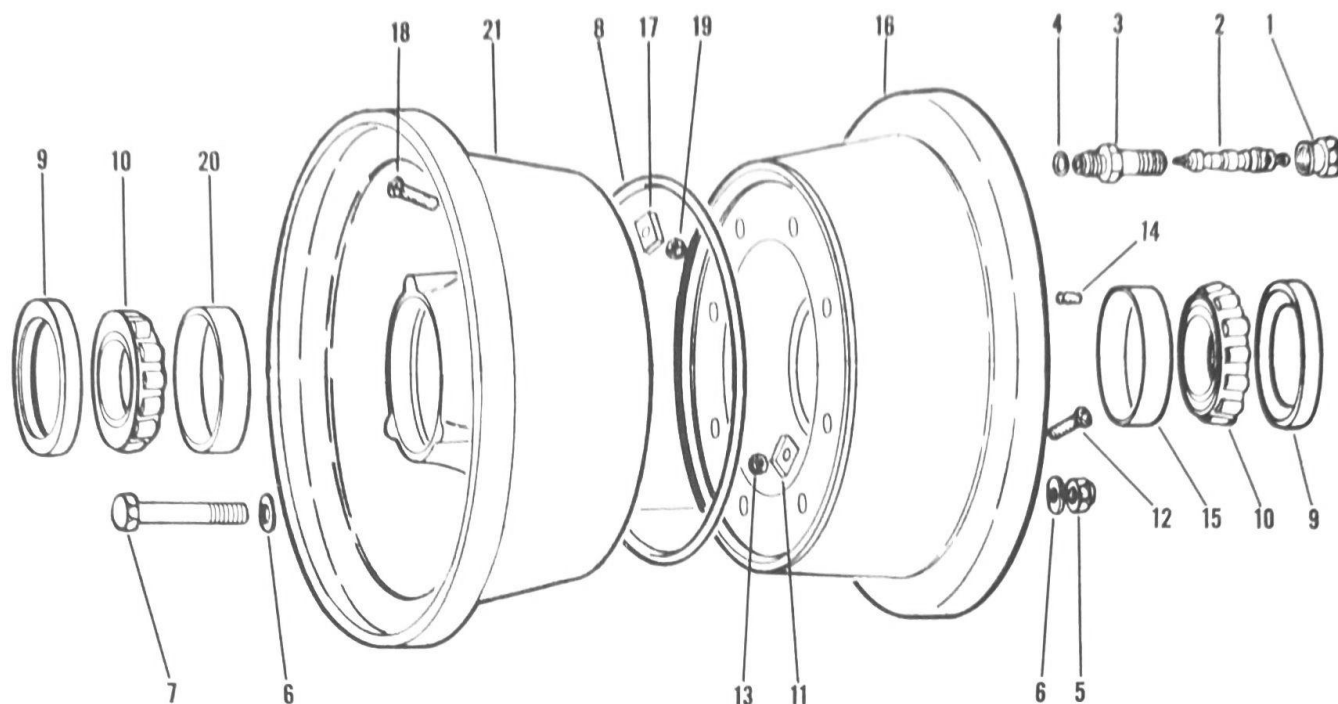


Figure 31A. Nose Gear Splash Skirt Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
31A-		NOSE GEAR SPLASH SKIRT INSTALLATION			
	2394200-001	. KIT-SPLASH SKIRT -----	1		C
	2394200-002	. . SKIRT ASSEMBLY-SPLASH LH -----	1		A
-1	2342001-001	. . . PLATE-SIDE LH -----	1		A
-2	2342001-003	. . . SKIRT-SPLASH -----	1		A
-3	2342001-008	. . . SUPPORT-SKIRT -----	1		A
-4	2342001-015	. . . PLATE-BACKING -----	1		A
	2394200-003	. . SKIRT ASSEMBLY-SPLASH RH -----	1		A
-5	2342001-002	. . . PLATE-SIDE RH -----	1		A
-6	2342001-003	. . . SKIRT-SPLASH -----	1		A
-7	2342001-015	. . . PLATE-BACKING -----	1		A
-8	NAS221-8	. . SCREW -----	2		A
	AN960D10L	. . WASHER -----	2		A
	MS20364-1032	. . NUT -----	2		A
-9	2342001-005	. . CLAMP -----	1		A
-10	2342001-006	. . STRAP-CLAMP -----	1		A
	NAS221-9	A . . SCREW -----	2		A
	AN960D10L	A . . WASHER -----	2		A
	MS20364-1032	A . . NUT -----	2		A
-11	NAS1108-42	. . BOLT -----	1		A
	MS20364-820	. . NUT -----	1		A
	2342002-015	. SKIRT ASSEMBLY-NOSE GEAR LH -----	1		B
	2342002-016	. SKIRT ASSEMBLY-NOSE GEAR RH -----	1		B
-12	AN520-10R6	A . SCREW -----	4		B
	AN960D10L	A . WASHER -----	4		B
	MS20364-1032	A . NUT -----	4		B
-13	2342002-019	. . PLATE -----	1		B
-14	2342002-021	. . SKIRT-NOSE GEAR LH -----	1		B
	2342002-014	. . SKIRT-NOSE GEAR RH -----	1		B
-15	AN509-8R8	. . SCREW -----	9		B
	MS20364-832	. . NUT -----	9		B
-16	MS1108-42	. BOLT -----	1		B
	AN960PD816	. WASHER -----	AR		B
	MS20364-820	. NUT -----	1		B
-17	2342002-008	. WELD ASSEMBLY-PAN -----	1		B
		A 003 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, SK23-209, ECR 277, ECR 381, ECR 392 OR ECR 401 OR A/C EQUIPPED WITH A DUAL CHINE TIRE			
		B 003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, SK23-209, ECR 277, ECR 381, ECR 381 OR ECR 401 EXCEPT A/C EQUIPPED WITH A DUAL CHINE TIRE			
		C 003 & ON EXCEPT A/C EQUIPPED WITH DUAL CHINE TIRE			
		A---ATTACHING PARTS			



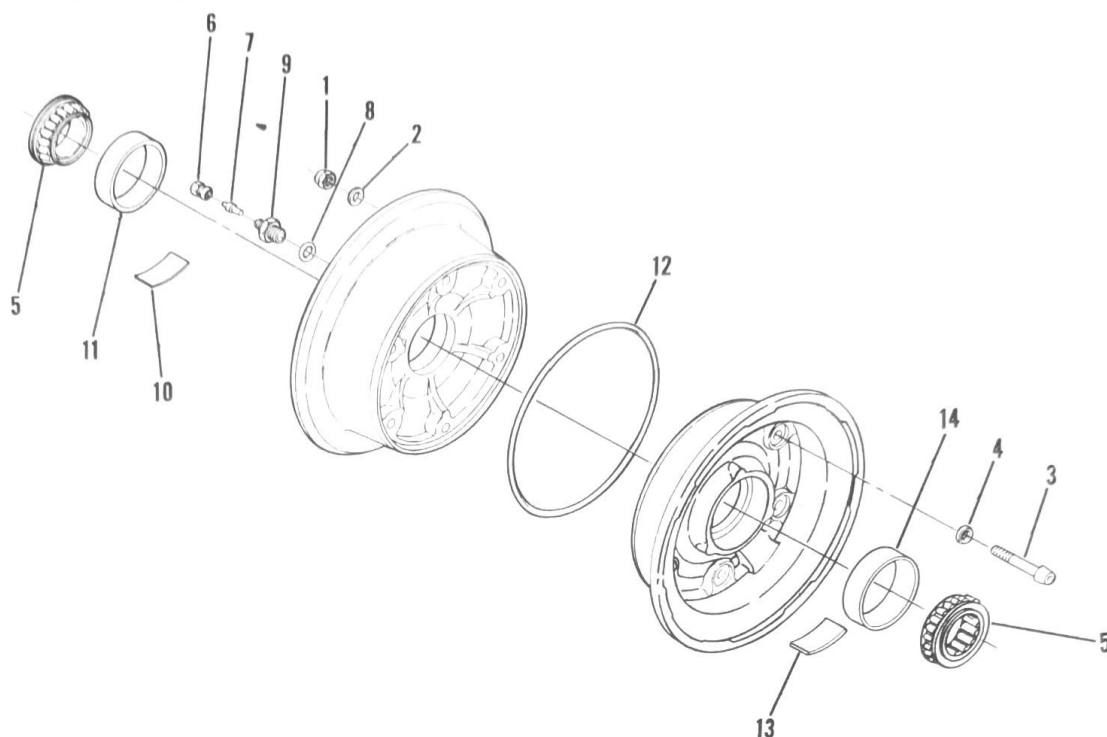
6-9A

Figure 32. B. F. Goodrich Nose Gear Wheel Assembly

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
32 -	3-1092	B F GOODRICH NOSE GEAR WHEEL ASSY -----	1	A	
	TR725-03	. VALVE ASSEMBLY-TUBELESS TIRE -----	1	A	
-1	TR-VC5	. . CAP-VALVE -----	1	A	
-2	4R-CJ	. . VALVE-INSIDE -----	1	A	
-3	TR725	. . STEM -----	1	A	
-4	TR-RG30	. . GROMMET-RUBBER -----	1	A	
-5	AN363-428	. NUT WHEN EXHAUSTED USE 42SLW428 -----	8	A	
	42SLW428	. NUT ALT FOR AN363-428 -----	8	A	
-6	AN960-416	. WASHER WHEN EXHAUSTED USE MS20002-C4 -----	16	A	
	MS20002C4	. WASHER ALT FOR AN960-416 -----	16	A	
-7	43-563	. BOLT WHEN EXHAUSTED USE MS21250-04018 -----	8	A	
	MS21250-04018	. BOLT ALT FOR 43-563 -----	8	A	
-8	68-448	. PACKING-PREFORMED -----	1	A	
-9	262HD124	. SEAL -----	2	A	
-10	13889	. CONE-BEARING -----	2	A	
	300-159	. WHEEL HALF ASSEMBLY-OUTER -----	1	A	
-11	A97-33	. . WEIGHT-BALANCE -----	AR	A	
	A97-60	. . WEIGHT-BALANCE -----	AR	A	
-12	AN507-1032-12	A . . SCREW -----	AR	A	
-13	MS20364-1032C	A . . NUT -----	AR	A	
-14	MS21209F1-15	. . INSERT -----	3	A	
-15	13830	. . CUP-BEARING -----	1	A	
-16	10-966	. . WHEEL HALF-OUTER -----	1	A	
	300-162	. WHEEL HALF ASSEMBLY-INNER -----	1	A	
-17	A97-33	. . WEIGHT-BALANCE -----	AR	A	
	A97-60	. . WEIGHT-BALANCE -----	AR	A	
-18	AN507-1032-12	A . . SCREW -----	AR	A	
-19	MS20364-1032C	A . . NUT -----	AR	A	
-20	13830	. . CUP-BEARING -----	1	A	
-21	10-968	. . WHEEL HALF-INNER -----	1	A	
A 003 & ON WHEN A/C ARE EQUIPPED WITH B.F. GOODRICH WHEELS & NOSE WHEEL SPASH SKIRTS ARE INSTALLED					
A---ATTACHING PARTS					

LIMITED EFFECTIVITY Serial Code A

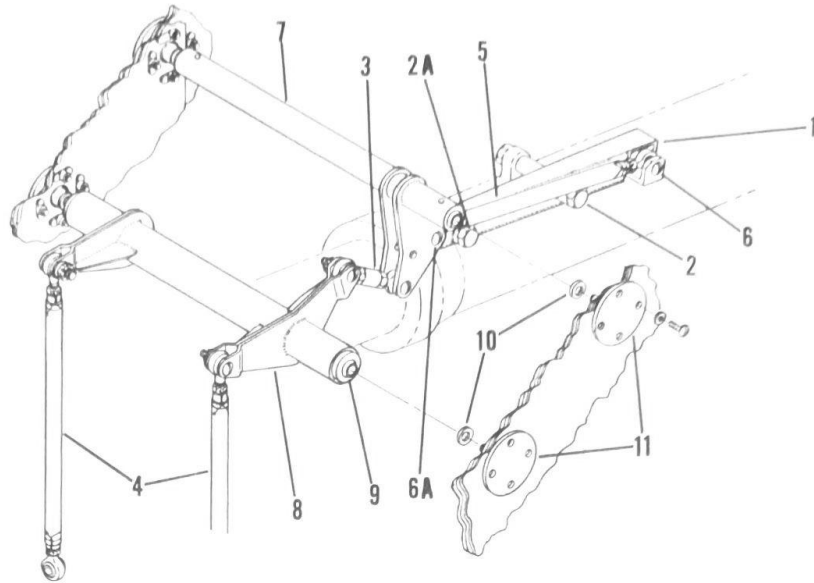
32A



6-16C

Figure 32A. Goodyear Nose Gear Wheel Assembly

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				1 2 3 4 5 6 7	THRU
32A-	9543341	GOODYEAR NOSE GEAR WHEEL ASSEMBLY	1		A
	9544207	GOODYEAR NOSE GEAR WHEEL ASSEMBLY	1		B
-1	22FH-524	• NUT	AR		E
-2	MS20002-5	• WASHER	AR		E
-3	MS20005-26	• BOLT	AR		E
-4	MS20002C5	• WASHER	AR		E
-5	13685XL	• CONE-BEARING	2		E
	9543365	• WHEEL ASSEMBLY-HALF	1		C
	9536599	• WHEEL ASSEMBLY-HALF	1		D
	TR705-03	• VALVE ASSEMBLY	1		C
	TR756-03	• VALVE ASSEMBLY	1		D
-6	VC-5	• • CAP-VALVE	1		E
-7	C-4	• • CORE-VALVE	1		E
-8	RG-6	• • GASKET-VALVE STEM	1		E
-9	TR705	• • VALVE STEM	1		C
	TR756	• • VALVE STEM	1		D
-10	9535033	• • PLATE-INSTRUCTION	1		E
-11	13621XL	• • CUP-BEARING	1		E
-12	AN6230B38	• PACKING-O RING	1		C
	AN6230B47	• PACKING-O RING	1		D
	9535115	• WHEEL ASSEMBLY-HALF	1		C
	9536598	• WHEEL ASSEMBLY-HALF	1		D
-13	9535033	• PLATE-INSTRUCTION	1		E
-14	13621XL	• • CUP-BEARING	1		E
<p>A 003 &amp; ON WHEN GOODYEAR TIRE &amp; RUBBER CO. WHEELS &amp; NOSE WHEEL SPLASH SKIRTS ARE INSTALLED</p> <p>B 003 &amp; ON WHEN GOODYEAR TIRE &amp; RUBBER CO. WHEELS ARE INSTALLED EXCEPT A/C EQUIPPED WITH SPLASH SKIRTS</p> <p>C USED ON 9543341 WHEEL ASSY</p> <p>D USED ON 9544207 WHEEL ASSY</p> <p>E 003 &amp; ON WHEN GOODYEAR TIRE &amp; RUBBER CO. WHEELS ARE INSTALLED</p> <p>A---ATTACHING PARTS</p>					



1-11C

Figure 33. Nose Gear Door Mechanism Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				1 2 3 4 5 6 7	THRU
33 -		NOSE GEAR DOOR MECHANISM INSTALLATION			
-1	2317045-008	• CHANNEL ASSY-DOOR ACTUATOR STEEL	1		
		WHEN EXHAUSTED USE 2317045-010	1		
-2	2317045-010	• CHANNEL ASSY-DOOR ACTUATOR ALUMINUM	1		C
	NAS464P8-40	A • BOLT	1		A
	NAS464P8-33	A • BOLT	1		B
-2A	NAS464P8-38	A • BOLT	1		A
	NAS464P8-33	A • BOLT	1		B
	AN960PD816L	A • WASHER	2		
	AN320-8	A • NUT	2		
	MS24665-304	A • PIN-COTTER	2		
-3	2317046-001	• ROD ASSEMBLY	1		
	AN24-15	A • BOLT	2		
	AN960D416L	A • WASHER	2		
	AN960D416	A • WASHER	2		
	AN320-4	A • NUT	2		
	MS24665-153	A • PIN-COTTER	2		
	2317046-005	• LINK	1		
	2317046-009	• ROD END	2		
	NAS509-4	• NUT	2		
-4	2317046-002	• ROD ASSEMBLY	2		
	AN24-15	A • BOLT	1		
	AN960D416L	A • WASHER	1		
	AN960D416	A • WASHER	1		
	AN320-4	A • NUT	1		
	MS24665-153	A • PIN-COTTER	1		
	2317046-010	• WELD ASSEMBLY-ROD	1		
	NAS509-4	• NUT	2		
	HMV-4	• ROD END WITH CHROME PLATED	2		
	HMV-4	BALL	2		
	HMV-4	• ROD END WITH CHROME PLATED	2		
	HMV-4	BALL ALT FOR HMV-4	2		
	REM-4T	• ROD END WITH CHROME PLATED	2		
	REM-4T	BALL ALT FOR HMV-4	2		
		CONTINUED			
		A---ATTACHING PARTS			



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
33 -5	2317046-003	• ROD ASSEMBLY -----	1		
-6	AN24-28	A • BOLT -----	1	A	
	AN24-32	A • BOLT -----	1	B	
	AN960D416	A • WASHER -----	1		
	AN960D416L	A • WASHER -----	2		
	AN320-4	A • NUT -----	1		
	MS24665-153	A • PIN-COTTER -----	1		
-6A	AN24-15	A • BOLT -----	1		
	AN960D416	A • WASHER -----	1		
	AN960D416L	A • WASHER -----	1		
	AN320-4	A • NUT -----	1		
	MS24665-153	A • PIN-COTTER -----	1		
	2317046-011	• WELD ASSEMBLY-ROD -----	1		
	NAS509-4	• NUT -----	2		
	MS21242-4	• ROD END -----	2		
	KBNE-4	• ROD END ALTERNATE FOR MS21242-4 -----	2		
-7	2317047-009	• TORQUE TUBE ASSEMBLY -----	1		
	LHBV-5	• BEARING -----	2		
	KSBG-5N	• BEARING ALT FOR LHBV-5 -----	2		
	RSST-5	• BEARING ALT FOR LHBV-5 -----	2		
	MS21233-5	• BEARING ALT FOR LHBV-5 -----	2		
-8	2317048-001	• TORQUE TUBE ASSEMBLY -----	1		
-9	LHBV-5	• BEARING -----	2		
	MS21233-5	• BEARING ALT FOR LHBV-5 -----	2		
	KSBG-5N	• BEARING ALT FOR LHBV-5 -----	2		
	RSST-5	• BEARING ALT FOR LHBV-5 -----	2		
-10	AN960PD516L	• WASHER -----	AR		
-11	2317058-001	• PIVOT -----	4		
	AN525-10R8	A • SCREW -----	16		
	AN960D10L	A • WASHER -----	16		
		A USED WITH 2317045-008 CHANNEL ASSY			
		B USED WITH 2317045-010 CHANNEL ASSY			
		C SPARE FOR 2317045-008			
		A---ATTACHING PARTS			

- 1—INTERIOR LIGHTING SYSTEM ELECTRICAL EQUIPMENT  
 2—CABIN SEATING ARRANGEMENT  
 6—CREW MICROPHONE  
 9—FIRE EXTINGUISHER

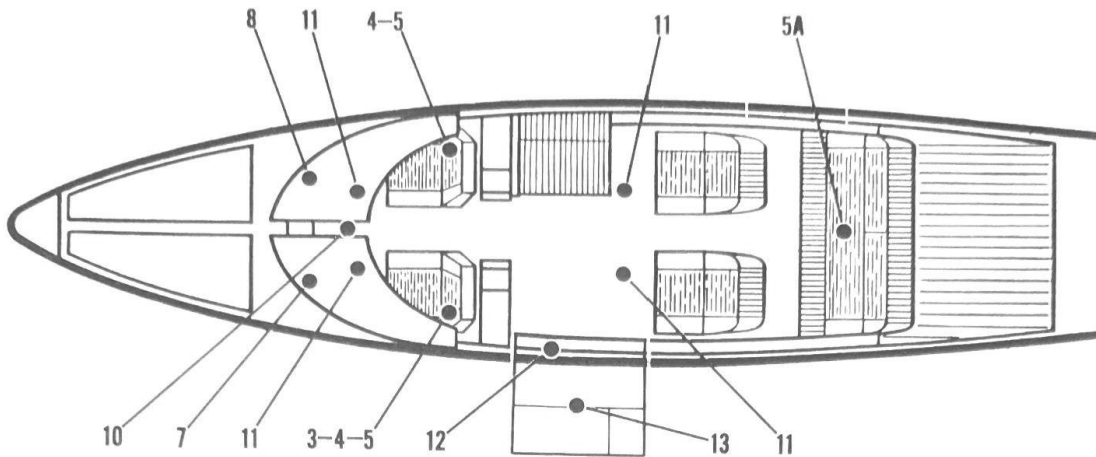


Figure 34. Cabin Equipment Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
34 -		CABIN EQUIPMENT INSTALLATION			
-1	SEE FIGURE 150	• INTERIOR LIGHTING SYSTEM ELEC EQUIP -----	REF	A	
-2	SEE FIGURE 35	• SEATING ARRANGEMENT-CABIN -----	1	B	
-3	5A3079	• SPEAKER INSTALLATION -----	1	A	
	AN507-632-8	• • SPEAKER-CREW -----	1	C	
	AN960D6L	A • • SCREW -----	4	C	
	MS20365-632	A • • WASHER -----	4	C	
-4	3A0740	A • • NUT -----	4	C	
	AN515-6R6	• • SPEAKER-CREW -----	2	D	
-5	35A0790	A • • SCREW -----	4	D	
	35A05	• • SPEAKER-CREW -----	2	E	
	NAS220-5	• • SPEAKER-CREW ALT FOR 35A0790 -----	2	E	
-5A	5A3079	A • • SCREW -----	4	E	
	AN507-440-8	• • SPEAKER-CABIN -----	1	A	
	AN960D4L	A • • SCREW -----	4	A	
-6	TEL-66T	A • • WASHER -----	4	A	
	TEL-66T	A • • NUT -----	4	A	
-7	2313410-004	• MICROPHONE-CREW -----	2	F	
		• MICROPHONE-CREW -----	1	G	
		• PLATE INSTALLATION-HEEL -----	1	A	
		• • PLATE-HEEL LH WITHOUT NON-SKID SURFACE WHEN EXHAUSTED USE			
	2313410-007	2313410-007 -----	1	A	
	2313410-007	• • PLATE-HEEL LH NON-SKID SURFACE -----	1	H	
-8	AN509-8R12	A • • SCREW -----	4	A	
	2313410-005	• • PLATE-HEEL RH WITHOUT NON-SKID SURFACE WHEN EXHAUSTED USE			
		2313410-008 -----	1	A	
	2313410-008	• • PLATE-HEEL RH NON-SKID SURFACE -----	1	J	
	AN509-8R12	A • • SCREW -----	4	A	
		• FIRE EXTINGUISHER INSTALLATION-CABIN -----	1	A	
		CONTINUED			
		A---ATTACHING PARTS			

MODEL 23

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
34 -9	CP-2 3/4 AN3-7	• • FIRE EXTINGUISHER ----- A • • BOLT ----- • COMPASS INSTALLATION ----- • COMPASS ASSEMBLY ----- • • LAMP-COMPASS ----- • • BRACKET ASSEMBLY-COMPASS ----- • CARPET RETAINER INSTALLATION ----- • RETAINER-CARPET ----- A • • SCREW ----- • TRIM-ENTRY DOOR FLOORBOARD ----- A • SCREW ----- A • SCREW ----- • PLATE-HANDLE TRIM -----	1 AR 1 1 1 1 1 4 8 1 6 2 REF	A A A A K A A A A A A B	
-10	C 2350-L4-M23 327 2314064-002				
-11	2413117-001 1793				
-12	2413213-002 AN509-10R12 1794				
-13	SEE FIGURE 15				
		A 003 & ON B SEE REF FIGURE FOR USAGE C 003 THRU 009 EXCEPT A/C MOD PER ECR 233 D 010 THRU 014 EXCEPT A/C MOD PER ECR 233 E 015 & ON & A/C MOD PER ECR 233 F 003 THRU 023 G 024 & ON H SPARE FOR 2313410-004 J SPARE FOR 2313410-005 K 003 & ON EXCEPT A/C MOD PER ECR 227, ECR 230, ECR 233, ECR 277, OR ECR 381  A---ATTACHING PARTS			

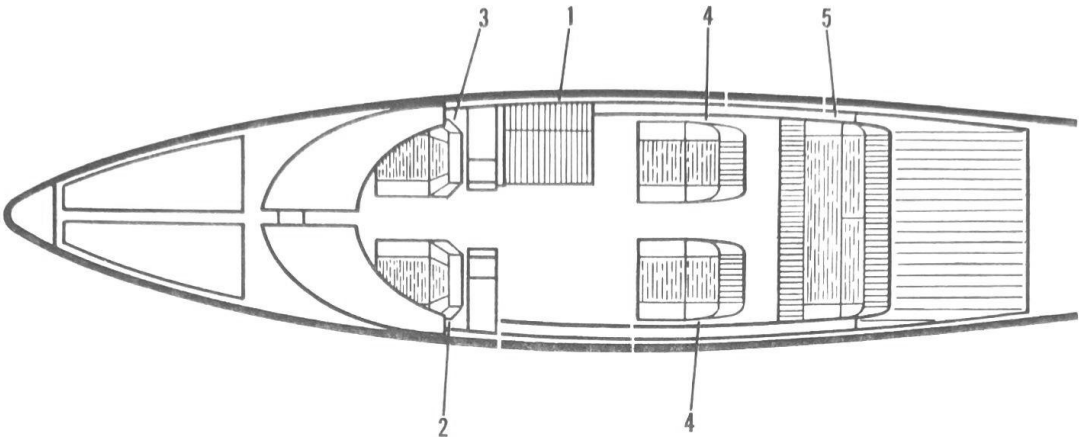


Figure 35. Cabin Seating Arrangement

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
35 -		1 2 3 4 5 6 7			
-1	SEE FIGURE 36	CABIN SEATING ARRANGEMENT	1	A	
-2	SEE FIGURE 37	• SEAT INSTALLATION-AFT FACING -----	1	A	
	SEE FIGURE 38	• SEAT INSTALLATION-CREW LH -----	1	B	
-3	SEE FIGURE 37	• SEAT INSTALLATION-CREW LH -----	1	C	
	SEE FIGURE 38	• SEAT INSTALLATION-CREW RH -----	1	B	
-4	SEE FIGURE 39	• SEAT INSTALLATION-CREW RH -----	1	C	
-5	SEE FIGURE 40	• SEAT INSTALLATION-SWIVEL -----	2	A	
		• SEAT BACK INSTALLATION-DIVAN -----	1	A	
	A	003 & ON			
	B	000 THRU 079			
	C	080 & ON			
		A---ATTACHING PARTS			

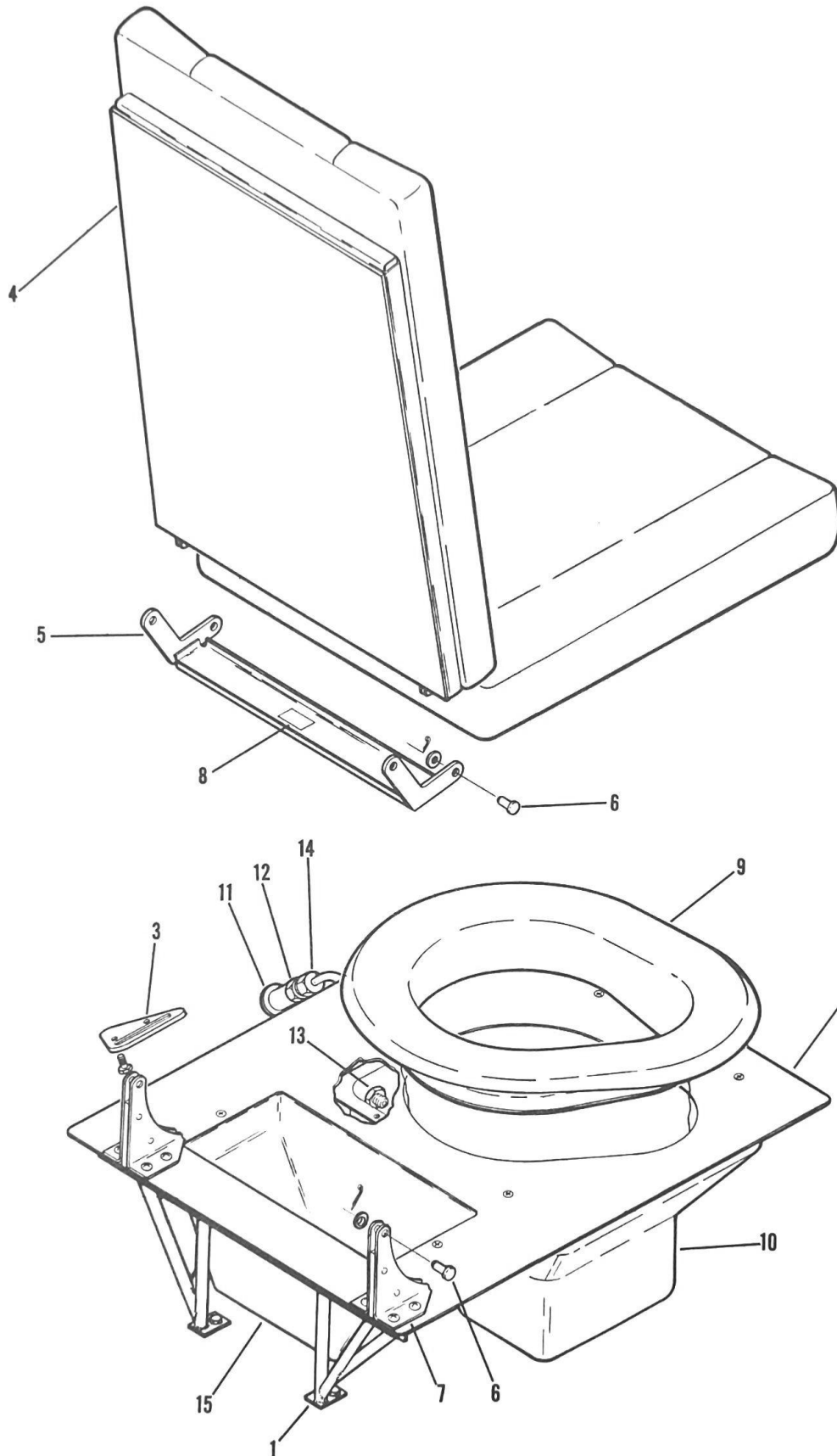
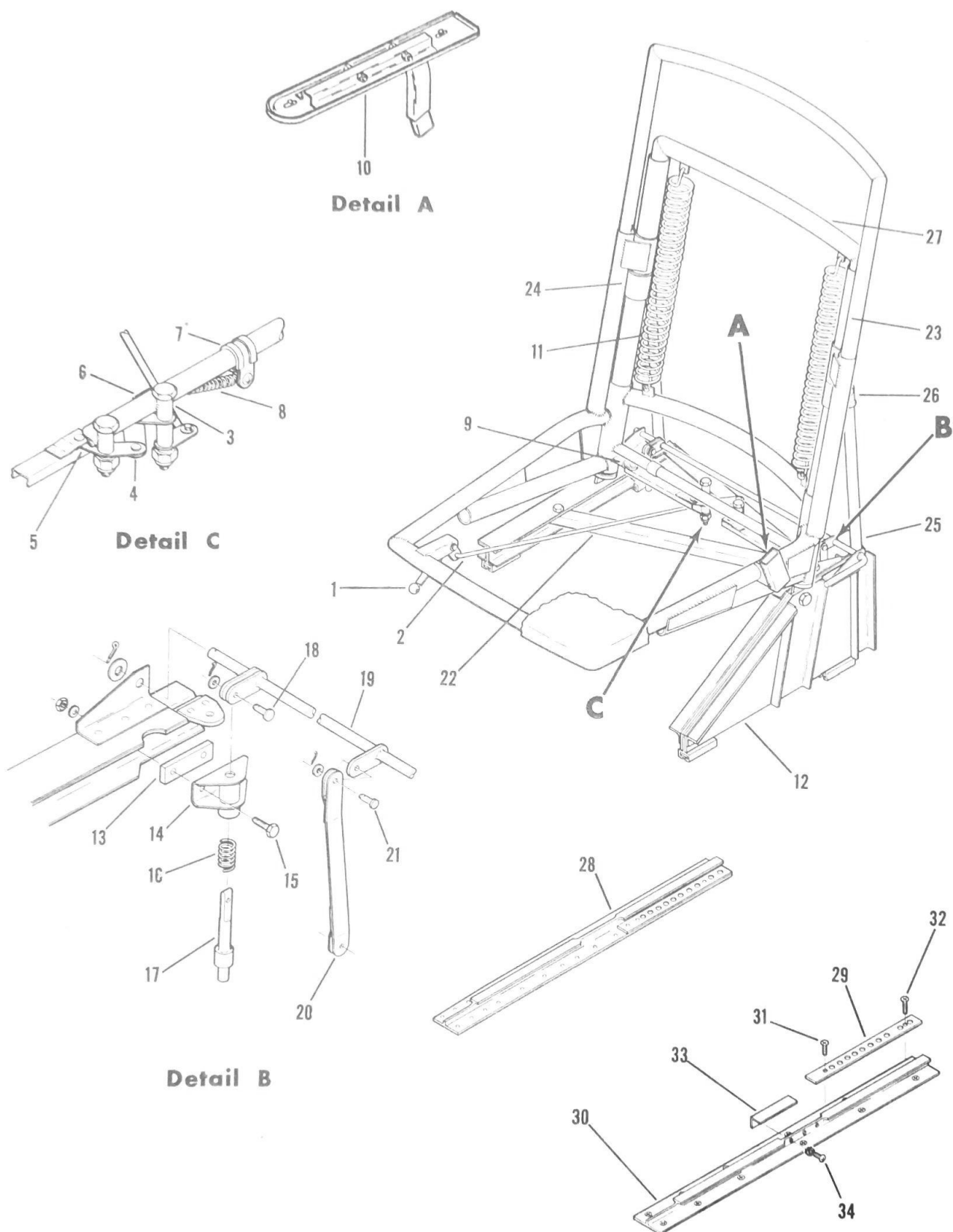


Figure 36. Aft Facing Seat Installation

2-9D

MODEL 23

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
36 -		AFT FACING SEAT INSTALLATION	1	A	
-1	2313155-027	• FRAME ASSEMBLY-WELDMENT -----	1	B	
	2313155-032	• FRAME ASSEMBLY-WELDMENT -----	4		
	AN4-4A	A • BOLT -----	1	A	
-2	2313155-030	• PLATE -----	1	B	
	2313155-034	• PLATE -----	17		
	AN509-10R7	A • SCREW -----	2		
-3	2313155-031	• BRACKET-SEAT BELT -----	4	C	
	AN4-4A	A • BOLT -----	2	D	
	AN4-4A	A • BOLT AFT SUPPORT BRACKET ONLY -----	2	D	
	AN4-6A	A • BOLT FWD SUPPORT BRACKET ONLY -----	4		
	MS20365-428	A • NUT -----	1	A	
-4	2313152-031	• SEAT & BACK ASSY UPHOLSTERED -----	1	A	
-5	2313152-052	• LINK ASSEMBLY -----	4	A	
-6	AN4-7	A • BOLT -----	4	A	
	AN960-416L	A • WASHER -----	4	A	
	AN310-4	A • NUT -----	4	A	
	MS24665-153	A • PIN-COTTER -----	2	A	
-7	2313152-049	• BRACKET ASSEMBLY -----	4	A	
	NAS221-10	A • SCREW -----	4	A	
	AN960-10	A • WASHER -----	4	A	
	MS20365-1032	A • NUT -----	1		
-8	S-905	• PLATE-IDENTIFICATION -----	1		
-9	2313156-003	• SEAT -----	1		
		• BAG-DISPOSABLE -----	1		
-10	2313156-010	• BUCKET ASSEMBLY -----	1		
	AN507-632-5	A • SCREW -----	4		
-11	2314084-006	• STATIC PORT -----	1		
-12	262-NW	• FITTING -----	1		
-13	2313184-038	• FITTING -----	1		
-14	44-P	• TUBE -----	1		
-15	2313156-011	• TRAY ASSEMBLY -----	1		
	AN507-632-5	A • SCREW -----	2		
		A A/C EQUIPPED WITH PADDED SEAT BACK			
		B A/C EQUIPPED WITH CABINET DR TABLE TOP			
		C 003 THRU 089 EXCEPT A/C MOD PER SK23-177			
		D 090 & ON & A/C MOD PER SK23-177			
		A---ATTACHING PARTS			



2-21C  
2-22C  
A2-22C  
B2-22C  
C2-21C

Figure 37. Crew Seat Installation



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
37 -		CREW SEAT INSTALLATION LH			079
		CREW SEAT INSTALLATION RH			079
	2313101-054	• SEAT ASSEMBLY-CREW FOR SPARES ORDER	1		
	2313101-105	• SEAT ASSEMBLY-CREW LH NOT UPHOLSTERED	1	012	011
	2313101-054	• SEAT ASSEMBLY-CREW RH FOR SPARES ORDER	1		079
	2313101-106	• SEAT ASSEMBLY-CREW RH NOT UPHOLSTERED	1	012	011
-1	2313103-027	• HANDLE-SEAT ADJUSTMENT	1		079
	MS20392-2C7	A • PIN-CLEVIS	1		079
	AN960-10	A • WASHER	1		079
	MS24665-136	A • PIN-COTTER	1		079
-2	2313103-025	• ROD-LINK	1		079
	AN960-4	A • WASHER	1		079
	MS24665-130	A • PIN-COTTER	1		079
-3	2313103-007	• LINK ASSEMBLY	1		079
	AN4-20	A • BOLT	1		079
	AN960-416L	A • WASHER	2		079
	AN310-4	A • NUT	1		079
	MS24665-134	A • PIN-COTTER	1		079
-4	2313103-024	• LINK ASSEMBLY	1		079
	MS20392-1C7	A • PIN-CLEVIS	2		079
	AN960-6	A • WASHER	2		079
	MS24665-132	A • PIN-COTTER	2		079
-5	2313103-009	• LINK ASSEMBLY	1		079
	AN4-13	A • BOLT	1		079
	AN960-416L	A • WASHER	2		079
	AN310-4	A • NUT	1		079
	MS24665-134	A • PIN-COTTER	1		079
-6	2313103-021	• LINK-CLIP	2		079
	MS20392-1C7	A • PIN-CLEVIS	2		079
	AN960-6	A • WASHER	2		079
	MS24665-132	A • PIN-COTTER	2		079
-7	MS21919G7	• CLAMP	2		079
-8	MS24586-84	• SPRING	2		079
	AN520-10R8	A • SCREW	1		079
	AN960-10	A • WASHER	1		079
	MS20365-1032	A • NUT	1		079
-9	2313103-013	• ROD-LINK	2		079
	MS20392-1C9	A • PIN-CLEVIS	1		079
	AN960-6	A • WASHER	1		079
	MS24665-132	A • PIN-COTTER	1		079
-10	2313111-002	• ARM REST-LH CREW SEAT	1		025
	2313111-001	• ARM REST-RH CREW SEAT	1		025
	2313111-032	• ARM REST-LH CREW SEAT	1	026	029
	2313111-031	• ARM REST-RH CREW SEAT	1	026	029
	2313111-047	• ARM REST-LH CREW SEAT	1	030	069
	2313111-046	• ARM REST-RH CREW SEAT	1	030	069
	2313300-002	• ARM REST-LH CREW SEAT	1	070	079
	2313300-001	• ARM REST-RH CREW SEAT	1	070	079
-11	2313101-079	• SPRING	4		079
-12	2313101-026	• SUPPORT ASSEMBLY-SEAT RH	1		079
	2313101-027	• SUPPORT ASSEMBLY-SEAT LH	1		079
-13	2313101-041	• FILLER	1		079
-14	2313101-040	• SLEEVE	1		079
-15	AN3-5A	A • BOLT	2		079
	AN960-10L	A • WASHER	2		079
	MS20365-1032	A • NUT	2		079
-16	MS24585-262	• SPRING	2		079
-17	2313101-045	• PIN-SEAT LOCK	2		079
-18	MS20392-1C7	A • PIN-CLEVIS LH	1		079
	MS20392-1C9	A • PIN-CLEVIS RH	1		079
	AN960-4L	A • WASHER	2		079
	MS24665-65	A • PIN-COTTER	2		079
-19	2313101-082	• WELD ASSEMBLY-SUPPORT STOP	1		079
	AN960-416L	A • WASHER	2		079
	MS24665-69	A • PIN-COTTER	2		079
-20	2313104-018	• LINK ASSEMBLY	1		079
-21	MS20392-1C7	A • PIN-CLEVIS	2		079
	AN960-6	A • WASHER	2		079
	MS24665-69	A • PIN-COTTER	2		079
-22	2313101-075	• STIFFENER-FWD RH	1		079
	2313101-077	• STIFFENER-FWD LH	1		079
	2313101-076	• STIFFENER-AFT RH	1		079
	2313101-078	• STIFFENER-AFT LH	1		079
	AN3-4A	A • BOLT	2		079
	AN3-5A	A • BOLT	1		079
	2313101-056	A • FILLER	1		079
	AN960PD10L	A • WASHER	3		079
	MS20365-1032	A • NUT	3		079
-23	2313104-001	• TUBE ASSEMBLY	2		079

CONTINUED  
A---ATTACHING PARTS

LIMITED EFFECTIVITY Serial 000 THRU 079

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
37 -	AN4-5A	A . . BOLT -----	1		079
	AN4-6A	A . . BOLT -----	1		079
	AN960-416L	A . . WASHER -----	2		079
-24	MS20365-428	A . . NUT -----	2		079
	2313102-010	. . CLAMP -----	2		079
	AN4-13A	A . . BOLT -----	1		079
	AN960D416L	A . . WASHER -----	1		079
-25	MS20365-428	A . . NUT -----	1		079
-26	2313101-074	. . TUBE -----	2		079
	2313108-007	. . ROD END -----	4		079
	AN3-4A	A . . BOLT -----	1		079
	AN3-6A	A . . BOLT -----	1		079
	AN960-10L	A . . WASHER -----	2		079
	MS20365-1032	A . . NUT -----	2		079
-27	2313101-065	. . TUBE ASSEMBLY -----	1		079
-28	2313105-007	. RAIL-SEAT OUTBOARD RH -----	1		079
	2313105-008	. RAIL-SEAT OUTBOARD LH -----	1		079
-29	2313106-011	. STOP-SEAT RAIL -----	4		079
-30	2313106-009	. RAIL-SEAT INBOARD RH -----	1		079
	2313106-010	. RAIL-SEAT INBOARD LH -----	1		079
	AN509-10R12	A . SCREW -----	8		079
-31	AN509-10R13	A . SCREW -----	4		079
-32	AN509-10R14	A . SCREW -----	1		079
-33	2313101-052	. STOP ASSEMBLY-SEAT -----	2		079
-34	AN515-6R7	A . SCREW -----	6		079
	AN960-6L	A . WASHER -----	6		079
		A---ATTACHING PARTS			

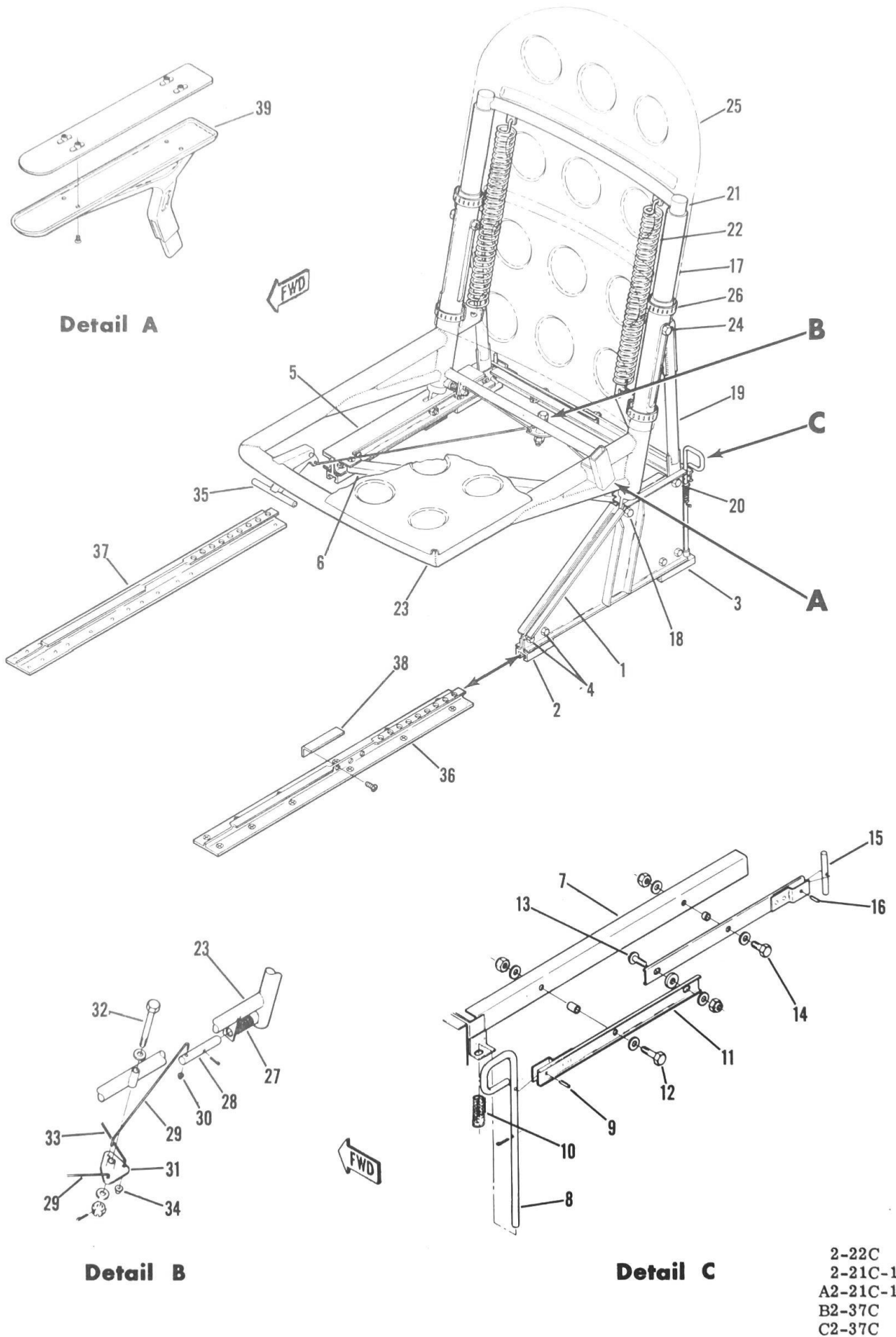


Figure 38. Crew Seat Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
38 -		CREW SEAT INSTALLATION RH -----	1	080	
		CREW SEAT INSTALLATION LH -----	1	080	
		• SEAT ASSY-CREW RH NOT UPHOLSTERED -----	1	080	
		• SEAT ASSY-CREW LH NOT UPHOLSTERED -----	1	080	
-1	2313115-004	• • BASE ASSEMBLY-INBOARD RH -----	1	080	
	2313115-003	• • BASE ASSEMBLY-INBOARD LH -----	1	080	
-2	2313115-040	• • SHOE ASSEMBLY -----	1	080	
-3	2313115-039	• • SHOE ASSEMBLY -----	2	080	
-4	2313115-046	A • • BOLT -----	2	080	
	AN3-7A	A • • WASHER -----	2	080	
	AN960010L	A • • NUT -----	1	080	
	MS20364-1032	• • BASE ASSEMBLY-OUTBOARD RH -----	1	080	
-5	2313115-048	• • BASE ASSEMBLY-OUTBOARD LH -----	1	080	
	2313115-047	• • GLIDE -----	1	080	
	2313115-085	• • SHOE ASSEMBLY -----	1	080	
	2313115-046	• • SHOE ASSEMBLY -----	2	080	
	2313115-071	A • • BOLT -----	2	080	
	AN3-5A	A • • WASHER -----	2	080	
	AN960010L	A • • NUT -----	1	080	
	MS20365-1032	• • STIFFENER -----	2	080	
-6	2313115-059	A • • SCREW -----	2	080	
	AN520-10R5	A • • WASHER -----	2	080	
	AN960010L	A • • NUT -----	1	080	
	MS20364-1032	• • STIFFENER ASSEMBLY -----	1	080	
-7	2313115-058	• • HANDLE-SEAT LOCK PIN -----	1	080	
-8	2313115-065	A • • PIN-SPRING -----	1	080	
-9	NAS561P2-6	• • SPRING-SEAT LOCK -----	1	080	
-10	MS24585-211	• • PIN-COTTER -----	2	080	
	MS24665-132	• • LEVER ASSEMBLY-SEAT LOCK -----	1	080	
-11	2313115-075	A • • BOLT -----	1	080	
-12	NK3-5	A • • SCREW -----	1	080	
-13	NK525D10-7	A • • BOLT -----	1	080	
-14	NK3-3	A • • WASHER -----	5	080	
	NAS1515M3L	A • • WASHER -----	1	080	
	AN960010L	A • • SPACER -----	1	080	
	NAS43DD3-8	A • • SPACER -----	3	080	
	NAS43DD3-19	A • • NUT -----	1	080	
	MS20364-1032	• • PIN-SEAT LOCK OUTBOARD -----	1	080	
-15	2313115-066	A • • PIN-SPRING -----	1	080	
-16	NAS561P2-6	• • TUBE ASSEMBLY-SEAT SUPPORT -----	2	080	
-17	2313115-032	A • • BOLT -----	2	080	
-18	AN4-7A	A • • WASHER -----	2	080	
	AN960D416L	A • • NUT -----	2	080	
	MS20364-428	• • TUBE ASSEMBLY-SEAT SUPPORT BRACE -----	2	080	
-19	2313115-035	A • • BOLT -----	2	080	
-20	AN4-7A	A • • WASHER -----	2	080	
	AN960D416	A • • NUT -----	1	080	
	MS20365-428	• • TUBE ASSEMBLY -----	2	080	
-21	2313115-054	• • SPRING -----	1	080	
-22	2313101-079	• • BOTTOM ASSEMBLY-SEAT RH -----	1	080	
-23	2313115-008	• • BOTTOM ASSEMBLY-SEAT LH -----	1	080	
	2313115-007	A • • BOLT -----	2	080	
-24	AN4-13A	A • • SPACER -----	4	080	
	NAS43DD4-2	A • • WASHER -----	2	080	
	AN960D416L	A • • NUT -----	1	080	
	MS20364-428	• • PAN-SEAT BACK -----	4	080	
-25	2313115-009	A • • CLAMP -----	2	080	
-26	AN737TW44	• • SPRING -----	2	080	
-27	S24585-276	• • PIN WHEN EXHAUSTED USE -----	2	080	
-28	2313115-025	• • PIN WHEN EXHAUSTED USE -----	2	080	
	2313115-102	• • PIN WHEN EXHAUSTED USE -----	2	A	
	2313115-160	• • PIN -----	2	B	
-29	2313115-030	• • ROD -----	2	080	
-30	PS062032	A • • PUSHNUT -----	2	080	
	C12040-012	A • • PUSHNUT ALT FOR PS062032 -----	1	080	
-31	2313300-026	• • BELLCRANK -----	1	080	
-32	AN3-12	A • • BOLT -----	2	080	
	AN960010L	A • • WASHER -----	1	080	
	AN310-3	A • • NUT -----	1	080	
	MS24665-134	A • • PIN-COTTER -----	1	080	
-33	2313115-031	• • ROD -----	2	080	
-34	PS062032	A • • PUSHNUT -----	2	080	
	C12040-012	A • • PUSHNUT ALT FOR PS062032 -----	1	080	
-35	2313103-027	• • HANDLE-SEAT ADJUSTMENT -----	1	080	
	MS20392-2C17	A • • PIN-CLEVIS -----	1	080	
	AN960-10	A • • WASHER -----	1	080	
	MS24665-130	A • • PIN-COTTER -----	1	080	
-36	2313106-021	• • RAIL-SEAT INBOARD RH -----	1	080	
	2313106-022	• • RAIL-SEAT INBOARD LH -----	1	080	
	AN509-10R12	A • • SCREW -----	8	080	
CONTINUED					
A---ATTACHING PARTS					

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
38 -	AN509-10R13	A . SCREW -----	4	080	
-37	2313105-010	. RAIL-SEAT OUTBOARD RH -----	1	080	
	2313105-011	. RAIL-SEAT OUTBOARD LH -----	1	080	
	AN509-10R12	A . SCREW -----	8	080	
-38	AN509-10R13	A . SCREW -----	4	080	
	2313101-052	. . STOP ASSEMBLY-SEAT -----	1	080	
	AN515-687	A . . SCREW -----	3	080	
-38A	AN96006L	A . . WASHER -----	3	080	
	6600154-001-X	. BELT ASSY-CO PILOT SEAT SPECIFY COLOR WHEN ORDERING -----	1	080	
	2413114-002	. BELT ASSY-CO PILOT SEAT SPECIFY COLOR WHEN ORDERING ALT -----	1	080	
	6600154-007-X	. BELT ASSY-PILOT SEAT SPECIFY COLOR WHEN ORDERING -----	1	080	
	2413114-001	. BELT ASSY-PILOT SEAT SPECIFY COLOR WHEN ORDERING -----	1	080	
-39	2313300-002	. ARM REST ASSY-RH SEAT UPHOLSTERED -----	1	080	
	2313300-001	. ARM REST ASSY-LH SEAT UPHOLSTERED -----	1	080	
		A SPARE FOR 2313115-025			
		B SPARE FOR 2313115-102			
		A---ATTACHING PARTS			

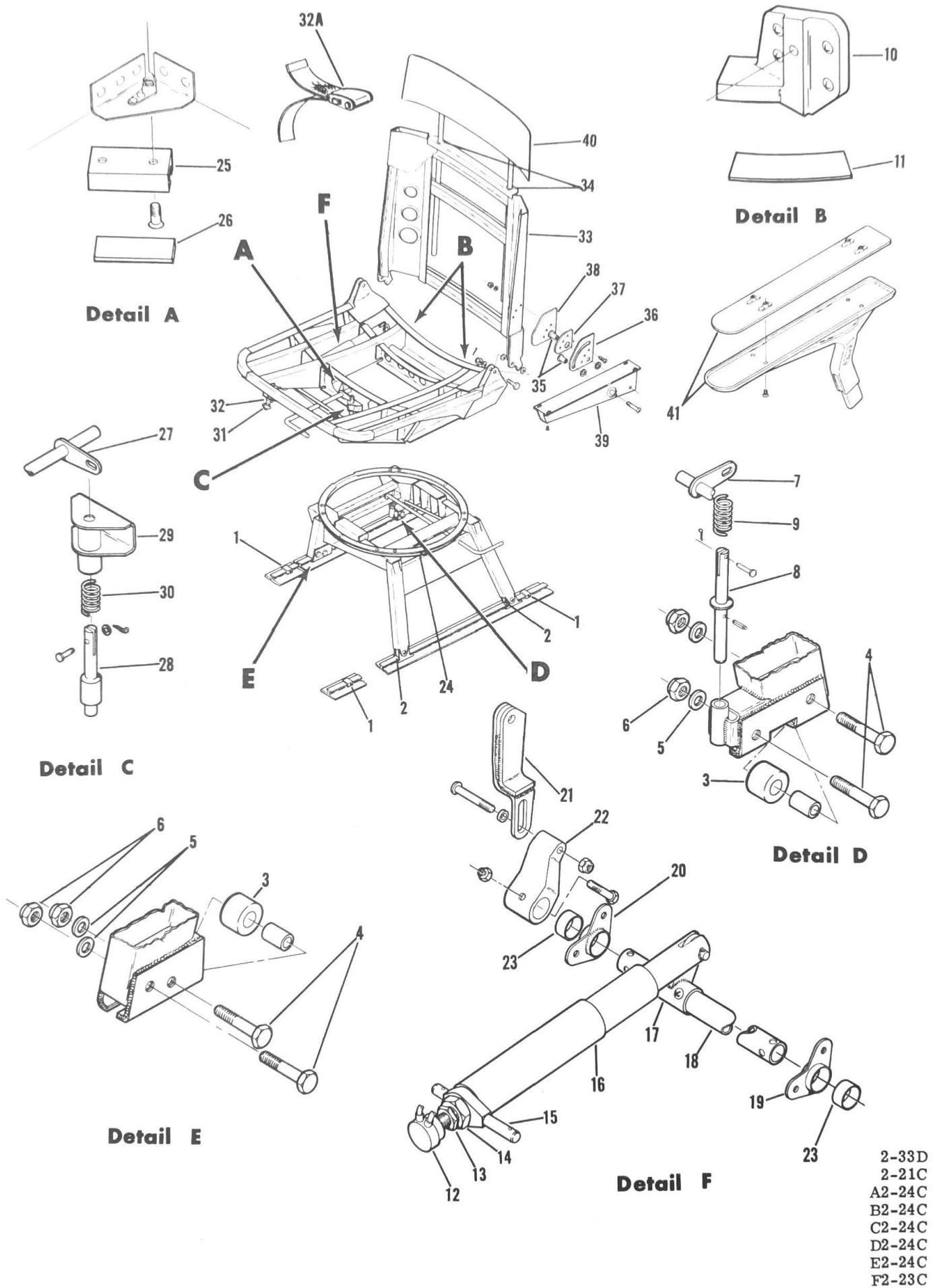


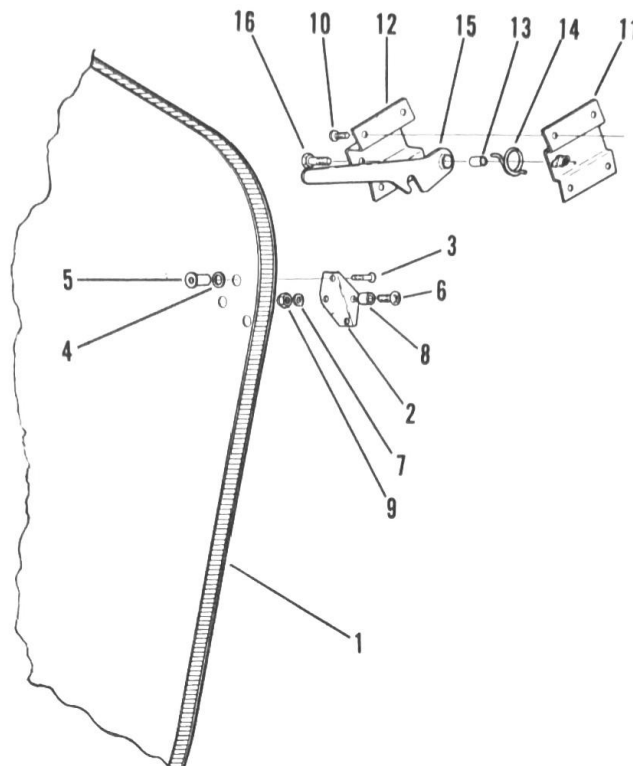
Figure 39. Swivel Seat Installation



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
39 -		SWIVEL SEAT INSTALLATION			
-1	2313140-003	• STOP-SEAT -----	4		041
	AN565B4H3	A • SCREW-SET -----	8		041
	2313140-007	• STOP ASSY-SEAT -----	AR	042	
	2313141-117	• SEAT ASSY-SWIVEL NOT UPHOLSTERED -----	1		029
	2313141-136	• SEAT ASSY-SWIVEL NOT UPHOLSTERED -----	1	030	
	S-905	• PLATE-IDENTIFICATION -----	1		
	2313141-003	• BASE ASSEMBLY-SEAT -----	1		029
	2313141-126	• BASE ASSEMBLY-SEAT -----	1	030	
-2	2313141-026	• ROLLER -----	2		
	NAS221-14	A • SCREW -----	2		
	NAS75-4-011	A • BUSHING -----	2	030	029
	NAS75-4-012	A • BUSHING -----	2		
	AN960-416L	A • WASHER -----	2		
	MS20364-428	A • NUT -----	2		
-3	2313141-025	• ROLLER -----	2		
	AN4-13A	A • BOLT -----	2		
	NAS75-4-018	A • BUSHING -----	2		
	AN960-416L	A • WASHER -----	2		
	MS20365-428	A • NUT -----	2		
-4	AN4-13A	• BOLT -----	2		
-5	AN960-416L	• WASHER -----	2		
-6	MS20365-428	• NUT -----	1		
-7	2313171-012	• TUBE ASSEMBLY -----			
-8	2313141-077	• PIN WHEN EXHAUSTED USE -----	1		089
	2313141-138	• PIN WHEN EXHAUSTED USE -----	1	090	
	2313141-145	• PIN -----	1	A	
-9	2313141-145	• SPRING -----	1		
	MS24585-262	A • PIN-SPRING -----	1		
	NAS561-3-8	A • WASHER -----	1		
	AN960D416L	• BOTTOM ASSY-SEAT NOT UPHOLSTERED -----	1	030	029
	2313175-001	• BOTTOM ASSY-SEAT NOT UPHOLSTERED -----	1		
	2313175-012	A • SCREW -----	8		
	AN509-10R10	A • WASHER -----	8		
	AN960-10L	A • NUT -----	8		
	MS20364-1032	• SHOE ASSEMBLY -----	1		
	2313164-001	• SHOE ASSEMBLY -----	1		
	2313164-002	A • SCREW -----	4		
	NAS221-10	A • WASHER -----	4		
	AN960D10L	A • NUT -----	4		
	MS20364-1032	• SHOE LH -----	1		
-10	2313164-003	• SHOE RH -----	1		
	2313164-004	• SLIDE -----	1		
-11	2313164-005	• CONTROL -----	1		
-12	C12-1	• SLEEVE -----	1		
-13	2313164-007	• NUT -----	1	007	
-14	AN316-9R	• RETAINER -----	1		
-15	2313164-006	• HYDROLOK -----	1		
-16	2313175-011	A • PIN-CLEVIS -----	1		
	MS20392-3C25	A • PIN-COTTER -----	1		
	MS24665-208	• FITTING ASSEMBLY -----	1	030	029
-17	2313164-016	• FITTING ASSEMBLY -----	1		
	2313164-039	A • SCREW -----	2		
	NAS221-16	A • WASHER -----	2		
	AN960D10L	A • NUT -----	2		
	MS20364-1032	• TUBE-TORQUE -----	1		017
-18	2313172-002	• TUBE-TORQUE -----	1	018	029
	2313172-003	• TUBE-TORQUE -----	1	030	
	2313172-004	• BEARING ASSEMBLY-LH -----	1		
-19	2313171-001	• BEARING ASSEMBLY-RH -----	1		
-20	2313164-009	• FITTING ASSEMBLY-RH -----	1		029
-21	2313164-037	• FITTING ASSEMBLY-RH -----	1	030	
	2313164-008	• FITTING ASSEMBLY-LH -----	1	030	029
	2313164-036	• FITTING ASSEMBLY-LH -----	1		
	NAS221-20	A • SCREW -----	1		
	NAS77-3-12	A • BUSHING -----	1		
	MS20364-1032	A • NUT -----	1		
-22	2313164-027	• FITTING -----	2		
	NAS222-21	A • SCREW -----	2		
	AN960D416L	A • WASHER -----	2		
	MS20364-428	A • NUT -----	2		
-23	10L5 1/2 F	• NYLINER -----	2		
-24	2313172-001	• RING-BEARING -----	1		
-25	2313164-025	• SHOE -----	2		
-26	2313164-026	• SLIDE -----	2		
	AN520-10R9	A • SCREW -----	2		
-27	2313171-009	• TUBE ASSEMBLY -----	1		
	MS20392-1C9	A • PIN-CLEVIS -----	1		
	AN960D4L	A • WASHER -----	1		
		CONTINUED			
		A---ATTACHING PARTS			



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
39 -	MS24665-130	A . . . PIN-COTTER -----	1		
-28	2313171-005	. . . PIN -----	1		
-29	2313171-006	. . . SLEEVE ASSEMBLY -----	2		
	NAS221-9	A . . . SCREW -----	2		
	AN960D10L	A . . . WASHER -----	2		
	MS20365-1032	A . . . NUT -----	1		
-30	MS24585-262	. . . SPRING -----	1		
-31	2313175-009	. . . KNOB -----	1		
-32	AN316-6R	. . . NUT -----			
-32A	6600154-004-X	. . . BELT ASSY-SEAT SPECIFY COLOR WHEN ORDERING -----	1		
	2413114-004	. . . BELT ASSY-SEAT SPECIFY COLOR WHEN ORDERING ALT -----	1		
-33	2313149-001	. . . BACK ASSY-SEAT NOT UPHOLSTERED -----	1		024
	2313149-014	. . . BACK ASSY-SEAT NOT UPHOLSTERED WHEN EXHAUSTED USE 2313149-015 -----	1	025	029
	2313149-015	. . . BACK ASSY-SEAT NOT UPHOLSTERED WHEN EXHAUSTED USE 2313149-018 -----	1	030	089
	2313149-018	. . . BACK ASSY-SEAT NOT UPHOLSTERED -----	1	090	
	AN4-7	A . . . BOLT -----	2		
	AN960-416L	A . . . WASHER -----	2		
	AN320-4	A . . . NUT -----	2		
-34	MS24665-134	A . . . PIN-COTTER -----	2		
	6L1-FF	. . . NYLINER -----	8		024
	2313312-001	. . . ARM REST ASSY-UPHOLSTERED LH -----	1	012	025
	2313312-002	. . . ARM REST ASSY-UPHOLSTERED RH -----	1	012	025
	AN509C10-9	A . . . SCREW -----	3	012	025
	AN960-10	A . . . WASHER -----	3	012	025
	MS20365-1032	A . . . NUT -----	3	012	025
-35	2313312-003	. . . . SPACER -----	2	012	025
	AN520C416R20	A . . . . SCREW -----	2	012	025
	AN936A416	A . . . . WASHER -----	2	012	025
-36	2313312-007	. . . . PLATE LH -----	1	012	025
	2313312-010	. . . . PLATE RH -----	1	012	025
-37	2313312-008	. . . . PLATE -----	1	012	025
-38	2313312-009	. . . . PLATE -----	1	012	025
-39	2313312-006	. . . . PLATE ASSEMBLY -----	1	012	025
-40	2313157-009	. . . HEAD REST ASSEMBLY-UPHOLSTERED -----	1		024
-41	2313111-031	. . . ARM REST ASSEMBLY-LH SEAT UPH WHEN EXHAUSTED USE 2313111-046 -----	1	026	029
	2313111-046	. . . ARM REST ASSEMBLY-LH SEAT UPH -----	1	030	069
	2313300-001	. . . ARM REST ASSEMBLY-LH SEAT UPH -----	1	070	
	2313111-032	. . . ARM REST ASSEMBLY-RH SEAT UPH WHEN EXHAUSTED USE 2313111-047 -----	1	026	029
	2313111-047	. . . ARM REST ASSEMBLY-RH SEAT UPH -----	1	030	069
	2313300-002	. . . ARM REST ASSEMBLY-RH SEAT UPH -----	1	070	
		A SPARES FOR 2313141-138			
		A---ATTACHING PARTS			



2-32D-1

Figure 40. Divan Seat Back Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
40 -		DIVAN SEAT BACK INSTALLATION		A	
		• SEAT BACK ASSY LH UPHOLSTERED -----	1	A	
		• SEAT BACK ASSY RH UPHOLSTERED -----	1	A	
		A • SCREW -----	22	A	
		A • WASHER -----	22	A	
-1	AN515-8R8	• • SEAT BACK ASSY-LH NOT UPHOLSTERED -----	1	A	
	AN960D8L	• • SEAT BACK ASSY-RH NOT UPHOLSTERED -----	1	A	
-2	2313168-035	• • BRACKET -----	1	A	
-3	2313168-036	A • • SCREW -----	3	A	
-4	2313168-008	A • • WASHER -----	3	A	
-5	NAS221-12	A • • INSERT -----	3	A	
-6	AN960D616L	• • BOLT -----	1	A	
-7	SL7-103-1000S	• • WASHER -----	1	A	
-8	NAS144-19	• • SPACER -----	1	A	
-9	2313168-037	• • NUT -----	1	A	
	NAS43HT4-24	• LATCH ASSY LH -----	1	A	
	MS21042-4	• LATCH ASSY RH -----	1	A	
-10	2313169-003	A • SCREW -----	8	A	
	2313169-004	A • WASHER -----	8	A	
-11	AN520-10R10	• • BRACKET -----	1	A	
-12	AN960D10L	• • BRACKET -----	1	A	
-13	2313169-005	• • BUSHING -----	1	A	
-14	2313135-006	• • SPRING LH -----	1	A	
	2313136-003	• • SPRING RH -----	1	A	
-15	2313136-004	• • HOOK ASSY LH -----	1	A	
	2313181-001	• • HOOK ASSY RH -----	1	A	
	2313181-002	A • • SHIM -----	1	A	
-16	2313169-008	A • • BOLT -----	1	A	
	NAS464-4	A • • WASHER -----	1	A	
	AN960-416L				
		A 003 & ON			
		A---ATTACHING PARTS			

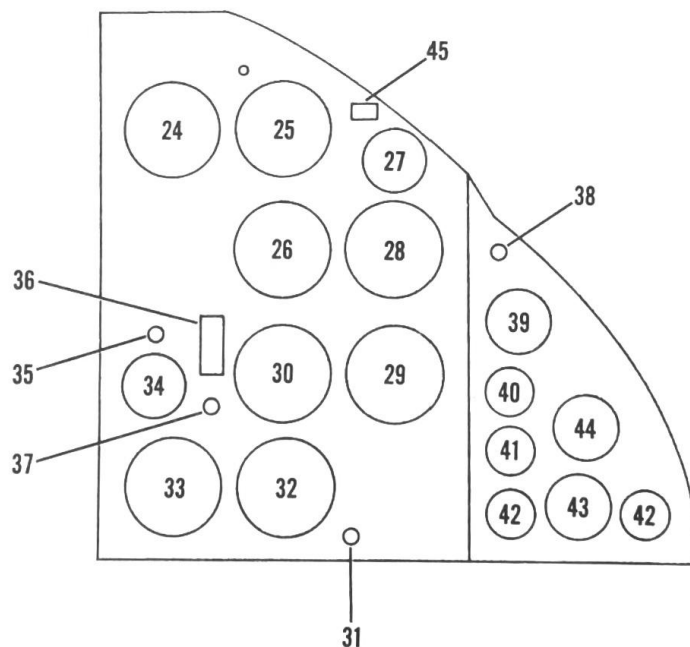
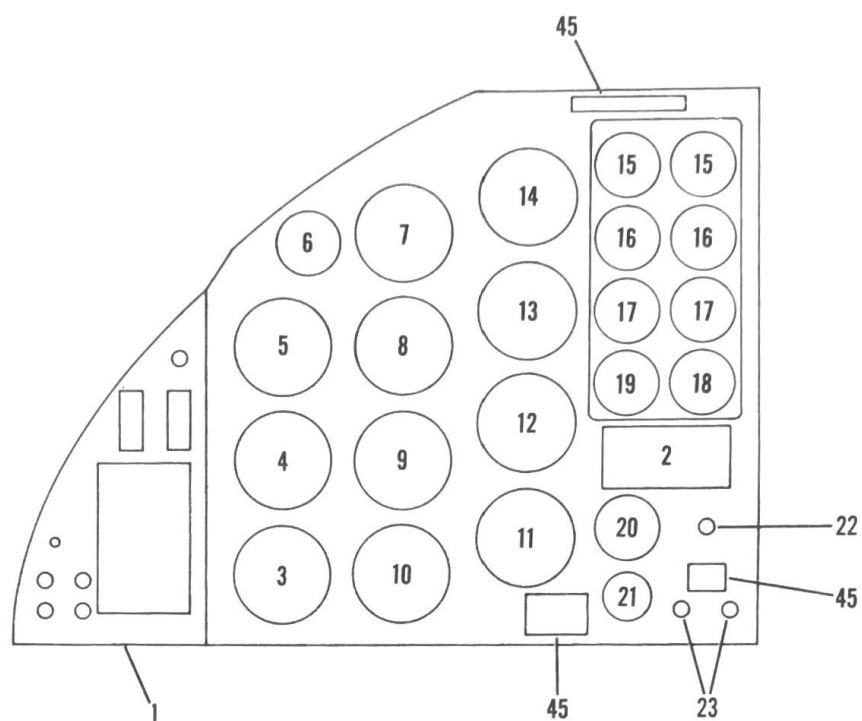
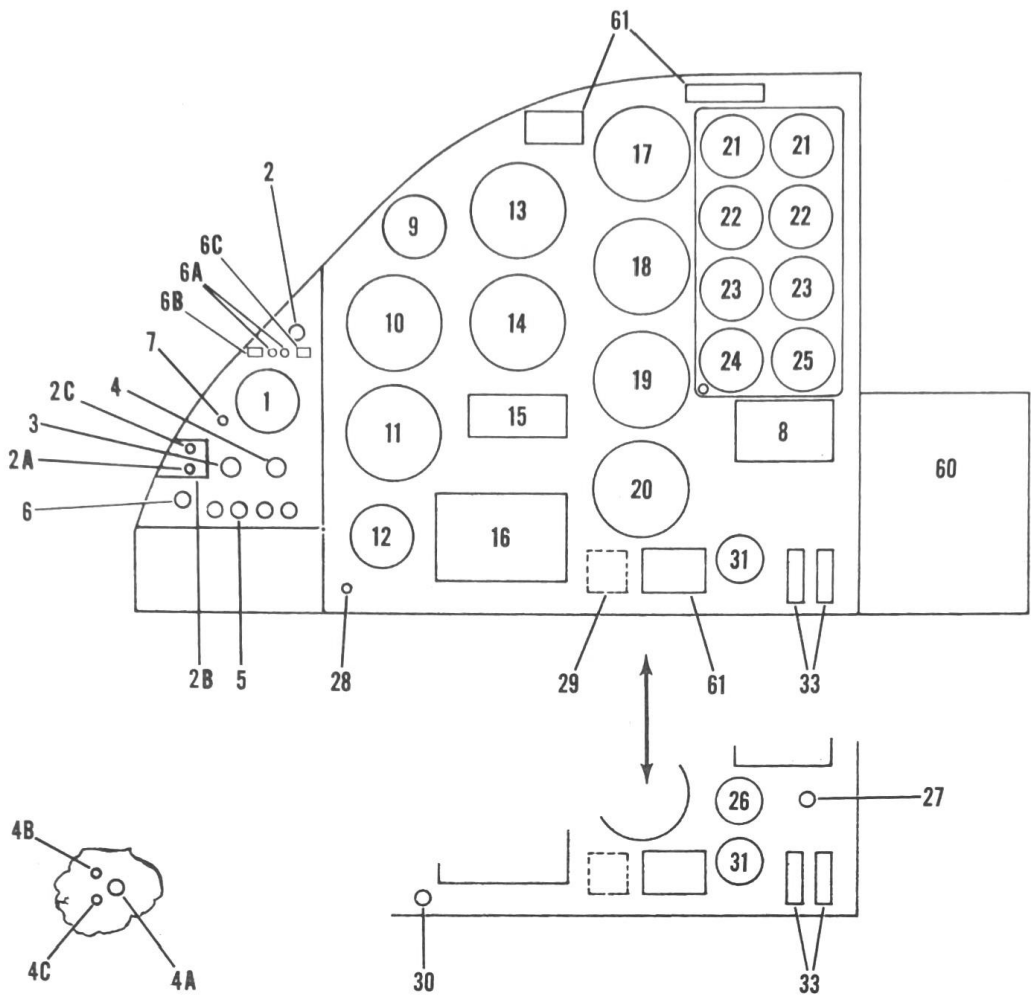


Figure 41. Instrument Panel Equipment Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				1 2 3 4 5 6 7	THRU
41 -		INSTRUMENT PANEL EQUIPMENT INSTALLATION			
-1	SEE FIGURE 46	. PANEL INSTALLATION-PILOTS SUB -----	1		A
		. EQUIPMENT INSTL-PILOTS PANEL -----	1		A
-2	SEE FIGURE 43	. . BOX INSTALLATION-GEAR CONTROL -----	1		F
	SEE FIGURE 45A	. . BOX INSTALLATION-GEAR CONTROL -----	1		G
-3	76055-102	. . INDICATOR-DME UDM-3A M59 -----	1		A
	B-4755C-12	. . FIXTURE-LIGHT DME -----	1		A
-4	S-204-1	. . MACHMETER -----	1		A
	B-4755C-12	. . FIXTURE-LIGHT MACH METER -----	1		A
-5	S-205-2	. . INDICATOR-AIRSPEED -----	1		A
	B-4755C-12	. . FIXTURE-LIGHT AIRSPEED -----	1		A
-6	5-5010	. . INDICATOR-ANGLE OF ATTACK -----	1		A
		M31 -----	1		A
	MS25499-1-327	. . FIXTURE-LIGHT ANGLE OF ATTACK -----	1		A
-7	5-4000	. . INDICATOR-VERTICAL GYRO M57 -----			
		SEE LEAR JET AVIONICS DIV MANUAL			
		VG-301 -----	1		A
	A-8970-C-1-327	. . FIXTURE-LIGHT VERTICAL GYRO -----	2		A
-8	522-2638-001	. . INDICATOR-COURSE M53 -----	1		A
	A-8970-C-1-327	. . FIXTURE-LIGHT COURSE IND -----	2		A
-9	ID250A/ARN	. . INDICATOR-MAGNETIC COMPASS -----			
		M51 -----	1		A
	B-4755C-12	. . FIXTURE-LIGHT MAG COMPASS -----	1		A
-10	S-202-1	. . INDICATOR-TURN & BANK M15 -----	1		A
	B-4755C-12	. . FIXTURE-LIGHT T & B IND -----	1		A
	MS25446-6	. . LIGHT ASSY-T & B WARN ENCAPSULATED			
		6 VOLT-YELLOW -----	1		A
-11	S-223-1	. . INDICATOR-OIL TEMPERATURE M9 -----	1		A
	B-4755C-12	. . FIXTURE-LIGHT OIL TEMP -----	1		A
-12	S-203-1	. . INDICATOR-RATE OF CLIMB -----	1		A
	B-4755C-12	. . FIXTURE-LIGHT RATE OF CLIMB -----	1		A
-13	S-200-2	. . ALTIMETER -----	1		A
	B-4755C-12	. . FIXTURE-LIGHT ALTIMETER -----	1		A
-14	5-1030	. . INDICATOR-GONIOMETER M55 -----	1		A
	B-4755C-12	. . FIXTURE-LIGHT GONIOMETER -----	1		A
-15	5-5000	. . INDICATOR-ENGINE PRESSURE RATIO			
		M17 & M18 SEE LEAR JET			
		AVIONICS DIV MANUAL EP-601 -----	2		A
-16	S-207-1	. . INDICATOR-EXHAUST TEMP M5 & M6 -----	2		A
-17	S-201-1	. . INDICATOR-PERCENT OF RPM -----	2		A
-18	S-208-5	. . INDICATOR-OIL PRESSURE M10 -----	1		A
-19	S-217-1	. . INDICATOR-FUEL FLOW DUAL M8 -----	1		B
	2308126-001	. . INDICATOR-FUEL FLOW DUAL M8 -----	1		C
	MST-1050	. . SWITCH-FUEL FLOW INDICATOR -----	1		C
	MS25499-1-327	. . FIXTURE-LIGHT ENGINE GAGES -----	8		A
-20	B-852-14	. . INDICATOR-FUEL QUANTITY M14 -----	1		D
	JG911A1	. . INDICATOR-FUEL QUANTITY M214 -----	1		E
	MS25499-1-327	. . FIXTURE-LIGHT FUEL QUANTITY -----	1		F
-21	S-216-4	. . INDICATOR-FLAP POSITION M23 -----	1		A
	A-8970-C-1-327	. . FIXTURE-LIGHT FLAP POSITION -----	1		A
-22	B267-52	. . SWITCH-FUEL SELECTOR WHEN EX			
		HAUSTED USE 2318083-001 -----	1		D
	2318083-001	. . SWITCH-FUEL SELECTOR -----	1		D
	RG55B12	. . SWITCH-FUEL SELECTOR -----	1		E
	WA-1550C	. . KNOB-FUEL SELECTOR SWITCH -----	1		F
	24-506	. . KNOB ALT FOR WA-1550C -----	1		F
	1500	. . KNOB ALT FOR WA-1550C -----	1		F
-23	8801K13	. . SWITCH-STALL WARN SW81, SW82 -----	2		A
		. EQUIPMENT INSTL-COPILOTS PANEL -----	1		A
-24	S-205-2	. . INDICATOR-AIRSPEED -----	1		A
	B-4755C-12	. . FIXTURE-LIGHT AIRSPEED -----	1		A
-25	5-4000	. . INDICATOR-VERT GYRO M58 SEE			
		LEAR JET AVIONICS DIV MANUAL			
		VG-301 -----	1		A
	A-8970-C-1-327	. . FIXTURE-LIGHT VERT GYRO -----	2		A
-26	522-2638-00	. . INDICATOR-COURSE M54 -----	1		A
	A-8970-C-1-327	. . FIXTURE-LIGHT COURSE IND -----	2		A
-27	S-251-1	. . INDICATOR-RAM AIR TEMP M19 -----	1		A
	MS25499-1-327	. . FIXTURE-LIGHT RAM AIR TEMP -----	1		A
-28	S-200-2	. . ALTIMETER -----	1		A
	B-4755C-12	. . FIXTURE-LIGHT ALTIMETER -----	1		A
-29	S-203-1	. . INDICATOR-RATE OF CLIMB -----	1		A
	B-4755C-12	. . FIXTURE-LIGHT RATE OF CLIMB -----	1		A
-30	S-202-1	. . INDICATOR-TURN & BANK M16 -----	1		A
	B-4755C-12	. . FIXTURE-LIGHT TURN & BANK -----	1		A
	MS25446-6	. . LIGHT ASSY-T & B WARN ENCAPSULATED			
		6 VOLT-YELLOW -----	1		A
-31	MST-1050	. . SWITCH ASSY CABIN AIRFLOW			
		SW57 -----	1		A
-32	S-209-1	. . INDICATOR-CABIN RATE OF CLIMB -----	1		A
	B-4755C-12	. . FIXTURE-LIGHT CABIN R OF C -----	1		A
		CONTINUED			
		A---ATTACHING PARTS			

LIMITED EFFECTIVITY Serial Code A

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
41 -33	13300-4C 13300-4B	<ul style="list-style-type: none"> <li>• CONTROLLER-CABIN ALTITUDE E15 -----</li> <li>• CONTROLLER-CABIN ALTITUDE ALT -----</li> <li>FOR 13300-4C -----</li> </ul>	1 1 2	A A A	
-34	A-8970-C-1-327 1265X-10-03 5505-0107	<ul style="list-style-type: none"> <li>• FIXTURE-LIGHT CAB ALT CONT -----</li> <li>• GAGE-CABIN ALTITUDE PRESSURE -----</li> <li>• GAGE-CABIN ALTITUDE PRESSURE ALT -----</li> <li>FOR 1265X-10-03 -----</li> </ul>	1 1 1 1	A A A A	
-35	8810K12	• SWITCH-CABIN PRESSURE DUMP -----	1	A	
-36	8824K8	• SWITCH-CABIN PRESSURE MAN & AUTO -----	1	A	
-37	MS5224-1 8800K13	• GUARD-SWITCH -----	1	A	
-38	C2006	• SWITCH-PRESSURE CONTROL MAN -----	1	A	
-39	S-210-1	• EQUIPMENT INSTL-COPILOTS SUB PANEL -----	1	A	
-40	B-4885C-12 S-214-2	• SWITCH-PRIMARY STEERING SW70 -----	1	A	
-41	A-8970-C-1-327 S-213-2	• GAGE-OXYGEN CYLINDER PRESSURE -----	1	A	
-42	S-211-2	• FIXTURE-LIGHT OXY PRESS GAGE -----	1	A	
-43	A-8970-C-1-327 S-212-1	• VOLTMETER-AC M21 -----	1	A	
-44	MS25499-1-327 S-206-1	• FIXTURE-LIGHT VOLTMETER AC -----	1	A	
-45	B-4885C-12 SEE FIGURE 1	• VOLTMETER-DC M20 -----	1	A	
		• FIXTURE-LIGHT VOLTMETER DC -----	1	A	
		• AMMETER -----	2	A	
		• FIXTURE-LIGHT AMMETER -----	2	A	
		• INDICATOR-HYD PRESSURE M22 -----	1	A	
		• FIXTURE-LIGHT HYD PRESSURE -----	1	A	
		• INDICATOR-EMERGENCY AIR -----	1	A	
		• FIXTURE-LIGHT EMERGENCY AIR -----	1	A	
		• PLACARDS-INSTRUMENT PANEL -----	REF	A	
A		003 THRU 014 EXCEPT A/C MOD PER ECR 233			
B		003 THRU 014 EXCEPT A/C MOD PER ECR 233 OR SK23-180			
C		003 THRU 014 WHEN MOD PER SK23-180 EXCEPT A/C MOD PER ECR 233			
D		003 THRU 014 EXCEPT A/C MOD PER ECR 233 ECR 392 OR SK23-195			
E		003 THRU 014 WHEN MOD PER SK23-195 EXCEPT A/C MOD PER ECR 233 OR ECR 392			
F		003 THRU 014 EXCEPT A/C MOD PER ECR 233 OR ECR 392			
G		003 THRU 014 WHEN MOD PER ECR 392 EXCEPT A/C MOD PER ECR 233			
		A---ATTACHING PARTS			



WING ANTI-ICE  
SWITCH & LIGHTS

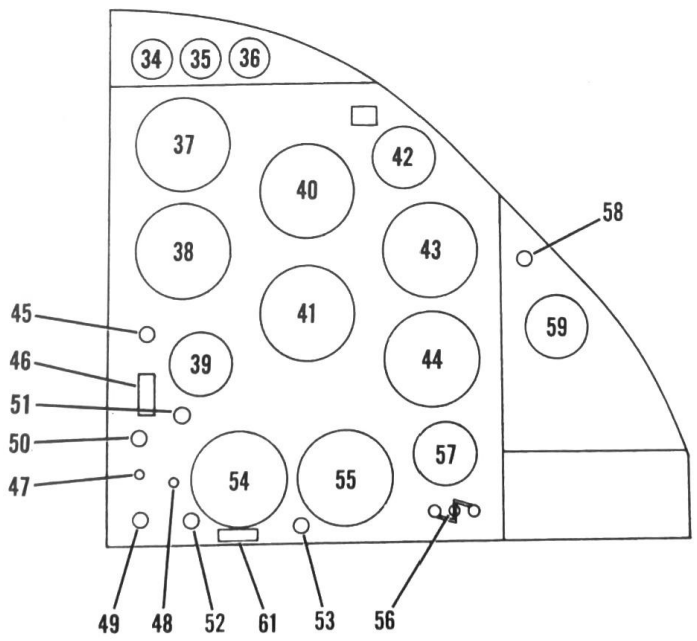


Figure 42. Instrument Panel Equipment Installation

LIMITED EFFECTIVITY Serial Code A

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
42 -		INSTRUMENT PANEL EQUIPMENT INSTALLATION			
-1	S-222-1	. EQUIPMENT INSTL-PILOTS SUB PANEL -----	1	A	
	MS25499-1-327	. . CLOCK -----	1	A	
-2	C2006	. . FIXTURE-LIGHT CLOCK -----	1	A	
-2A	MST105F	. . SWITCH-PRIMARY STEERING SW69 -----	1	A	
-2B	2484005-008	. . SWITCH-STEER LOCK -----	1	AE	
-2C	BEP62GBP	. . PLACARD-STEER LOCK SWITCH -----	1	AE	
-3	2314111-001	. . LIGHT-STEER LOCK INDICATOR -----	1	AE	
-4	2314111-002	. . SWITCH-PANEL LIGHTS SW95 -----	1	A	
	507-5-2M	. . SWITCH-FLOOD LIGHTS SW96 -----	1	A	
-4A	8868K4	. . KNOB-SWITCH -----	2	A	
-4B	BEP62RBL	. . SWITCH-WING ANTI-ICE CONTROL -----	1	AA	
-4C	BEP62GBL	. . LIGHT-WING HEAT INDICATOR -----	1	AA	
-5	112-205-101	. . LIGHT-WING OVER HEAT INDICATOR -----	1	AA	
		. . SWITCH-CIRCUIT BREAKER YAW -----			
	8858K40	SW35 -----	1	B	
		. . SWITCH-CIRCUIT BREAKER YAW -----			
		SW35 -----	1	C	
-6	8824K8	. . SWITCH-A/P MASTER SW44 -----	1	A	
-6A	BEP62RB	. . LIGHT - BATTERY OVERHEAT -----	2	A	
-6B	2481110-009	. . PLACARD BAT 140 -----	1	A	
-6C	2481110-010	. . PLACARD BAT 160 -----	1	A	
-7	MST-205R	. . SWITCH-A/P ALTITUDE CONTROLLER -----			
		STATIC DRAIN SW110 -----	1	D	
-8	SEE FIGURE 44	. EQUIPMENT INSTL-PILOTS PRIMARY PANEL -----	1	A	
	SEE FIGURE 45				
	SEE FIGURE 45A				
-9	6600082-001	. . BOX INSTALLATION-GEAR CONTROL -----	1	A	
	561-944	. . INDICATOR-ANGLE OF ATTACK USE -----			
		VENDOR NO 561-944 -----			
	6600082-002	. . INDICATOR-ANGLE OF ATTACK REF -----	1	E	
	561-979	CONTROL DWG 6600082-001 -----			
		. . INDICATOR-ANGLE OF ATTACK USE -----			
		VENDOR NO 561-979 -----			
	MS25499-1-327	. . INDICATOR-ANGLE OF ATTACK REF -----	1	F	
-10	S-225-1	CONTROL DWG 6600082-002 -----	1	A	
	B-4755C-12	. . FIXTURE-LIGHT ANGLE OF ATTACK -----	1	A	
-11	2108	. . MACHMETER-AIRSPD -----	1	A	
		. . FIXTURE-LIGHT MACHMETER -----			
		. . INDICATOR-MAGNETIC COMPASS -----			
	201-1006-001	M51 -----	1	G	
	B-4755C-12	. . INDICATOR-RADIO MAGNETIC M51 -----	1	AB	
-12	S-224-2	. . FIXTURE-LIGHT M15 COMPASS -----	1	A	
	B-4885C-12	. . INDICATOR-TURN & BANK M15 -----	1	A	
-13	5-4000	. . FIXTURE-LIGHT TURN & BANK -----	1	A	
		. . INDICATOR-VERTICAL GYRO M57 -----			
		SEE LEAR JET AVIONICS DIV -----			
		MANUAL VG-301 -----	1	A	
-14	A-8970-C-1-327	. . FIXTURE-LIGHT VERTICAL GYRO -----	2	A	
	522-2638-001	. . INDICATOR-COURSE M53 -----	1	A	
-15	A-8970-C-1-327	. . FIXTURE-LIGHT COURSE IND -----	2	A	
	S-227-1	. . INDICATOR-AUTOPILOT TRIM MT59 -----	1	A	
	MS25499-1-327	. . FIXTURE-LIGHT AUTOPILOT TRIM -----	1	A	
	MS25446-3	. . LIGHT-ENCAPSULATED AUTOPILOT ON -----	1	J	
	MS25446-6	. . LIGHT-ENCAPSULATED AUTOPILOT OFF -----	1	J	
-16	S-226-1	. . INDICATOR-INSTRUMENT CLUSTER E36 -----	1	A	
	MS25499-1-327	. . FIXTURE-LIGHT INSTRUMENT CLUSTER -----	AR	A	
-17	KR-80 ADF	. . INDICATOR-GONIOMETER M201 -----	1	G	
-18	S-200-3	. . ALTIMETER -----	1	A	
	B-4755C-12	. . FIXTURE-LIGHT ALTIMETER -----	1	A	
-19	S-203-2	. . INDICATOR-RATE OF CLIMB -----	1	A	
	B-4755C-12	. . FIXTURE-LIGHT RATE OF CLIMB -----	1	A	
-20	MI-591085	. . INDICATOR-DME AVQ-75 M59 -----	1	A	
-21	5-5000	. . INDICATOR-ENGINE PRESSURE RATIO -----			
		M17,M18 SEE LEAR JET AVIONICS -----			
		DIV MANUAL EP-601 -----	2	A	
-22	S-207-1	. . INDICATOR-EXHAUST TEMP M5,M6 -----	2	A	
-23	S-201-2	. . INDICATOR-PERCENT OF RPM -----	2	A	
-24	S-217-2	. . INDICATOR-FUEL FLOW M8 -----	1	K	
	S-230-2	. . INDICATOR-FUEL FLOW M8 -----	1	AC	
	2308126-001	. . INDICATOR-FUEL FLOW M8 -----	1	H	
	MST-1050	. . SWITCH-FUEL FLOW INDICATOR -----	1	H	
-25	S-208-3	. . INDICATOR-OIL PRESSURE M10 -----	1	L	
	S-208-5	. . INDICATOR-OIL PRESSURE M10 -----	1	M	
	MS25499-1-327	. . FIXTURE-LIGHT ENGINE INDICATORS -----	8	A	
-26	B-852-14	. . INDICATOR-FUEL QUANTITY M14 -----	1	N	
	JG911A1	. . INDICATOR-FUEL QUANTITY M14 -----	1	P	
	JG402A42	. . INDICATOR-FUEL QUANTITY M214 -----	1	Q	
	MS25499-1-327	. . FIXTURE-LIGHT FUEL QTY IND -----	1	A	
-27	2318083-001	. . SWITCH ASSY-FUEL SELECTOR SW72 -----	1	N	
	RG55B12	. . SWITCH-FUEL SELECTOR SW272 -----	1	R	
		CONTINUED			
		A---ATTACHING PARTS			



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
42 -	WA-1550C	• KNOB-FUEL SELECTOR SWITCH -----	1	A	
-28	MST-1050	• SWITCH-PANEL VIBRATOR SW20 -----	1	A	
-29	2380063-001	• VIBRATOR ASSEMBLY-PANEL E34 -----	1	A	
-30	8858K45	• SWITCH-FUS TANK FILL SW51 -----	1	G	
-31	S-216-3	• INDICATOR-FLAP POSITION M23 -----	1	G	
	S-216-5	• INDICATOR-FLAP POSITION M23 -----	1	AB	
	MS25499-1-327	• FIXTURE-LIGHT FLAP POSITION -----	1	A	
-33	8824K8	• SWITCH-FIREWALL SHUTOFF SW27, SW28 -----	2	A	
	MS25224-1	• GUARD-SWITCH FIREWALL SHUTOFF -----	2	G	
	2314103-001	• GUARD-SWITCH FIREWALL SHUTOFF -----	2	AB	
-34	6901-831	• EQUIPMENT INSTL-COPILOTS PRIMARY PANEL -----	1	A	
	A-8970-C-1-327	• INDICATOR-OXYGEN PRESSURE -----	1	A	
-35	6901-830	• FIXTURE-LIGHT OXYGEN PRESS -----	1	A	
	A-8970-C-1-327	• INDICATOR-HYDRAULIC PRESSURE -----	1	A	
-36	6901-832	• FIXTURE-LIGHT HYD PRESSURE -----	1	A	
	A-8970-C-1-327	• INDICATOR-EMERGENCY AIR -----	1	A	
-37	S-205-3	• FIXTURE-LIGHT EMERGENCY AIR -----	1	A	
-38	B-4755C-12	• INDICATOR-AIRSPEED -----	1	A	
	2108	• FIXTURE-LIGHT -----	1	G	
	201-1006-001	• INDICATOR-MAGNETIC COMPASS -----	1	AB	
	B-4755C-12	• MT52 -----	1	A	
-39	2423-51A-A1	• INDICATOR-RADIO MAGNETIC M52 -----	1	S	
	CA-DP-10	• FIXTURE-LIGHT MAG COMPASS -----	1	S	
	55050-0107	• INDICATOR-CABIN ALTITUDE -----	1	S	
	RCM-20-MS	• INDICATOR ALT FOR 2423-51A-A1 -----	1	T	
	2414050-001	• INDICATOR ALT FOR 2423-51A-A1 -----	1	AD	
-40	A-8970-C-1-327	• INDICATOR-CABIN RATE OF CLIMB -----	1	A	
	5-4000	• WHEN EXHAUSTED USE 2414050-001 -----	1	A	
	A-8970-C-1-327	• INDICATOR-CABIN RATE OF CLIMB -----	1	A	
-41	522-3082-00	• FIXTURE-LIGHT CABIN ALTITUDE -----	2	A	
	A-8970-C-1-327	• INDICATOR-VERTICAL GYRO M58 -----	1	A	
-42	S-215-1	• SEE LEAR JET AVIONICS DIVISION -----	1	A	
	MS25499-1-327	• MANUAL VG-301 -----	2	A	
-43	S-200-3	• FIXTURE-LIGHT VERT GYRO -----	1	A	
-44	B-4755C-12	• INDICATOR-COURSE M54 -----	1	A	
	S-203-2	• FIXTURE-LIGHT COURSE IND -----	2	A	
-45	B-4755C-12	• INDICATOR-RAM AIR TEMP M19 -----	1	A	
-46	8824K8	• FIXTURE-LIGHT RAM AIR TEMP -----	1	A	
	8801K13	• ALTIMETER -----	1	A	
	MS25224-1	• FIXTURE-LIGHT ALTIMETER -----	1	A	
-47	MST-205N	• INDICATOR-RATE OF CLIMB -----	1	A	
-48	MST-205P	• FIXTURE-LIGHT RATE OF CLIMB -----	1	A	
-49	2318074-001	• SWITCH-CABIN PRESSURE MAN & AUTO -----	1	A	
	CM34896	• SWITCH-DUMP SW52 -----	1	A	
-50	70-2WD-2G	• SWITCH GUARD-DUMP -----	1	A	
	8824K8	• SWITCH-CABIN AIR FLOW SW57 -----	1	A	
-51	MST-205S	• SWITCH-COOLING SYSTEM SW63 -----	1	U	
-52	8812K13	• SWITCH-COOLING SYSTEM SW63 -----	1	V	
-53	8834K4	• SWITCH ASSY-CABIN TEMP SELECT SW33 -----	1	W	
-54	13300-4C	• SWITCH ASSY-CABIN TEMP SELECT SW33 -----	1	X	
	13300-4B	• KNOB-CABIN TEMP SWITCH -----	1	A	
	13300-4E	• SWITCH-AIR BLEED SW29, SW30 -----	2	S	
-55	S-209-2	• SWITCH-AIR BLEED SW29 -----	1	T	
	250105	• SWITCH-CABIN ALT MANUAL SW46 -----	1	S	
	402-2-0002	• SWITCH-CABIN TEMP SW31 -----	1	A	
	250105	• SWITCH-DEFOG SW85 -----	1	A	
-56	B-4755C-12	• CONTROLLER-CABIN ALT E15 -----	1	A	
	365	• CONTROLLER-CABIN ALTITUDE ALT -----	1	A	
	2314089-051	• CONTROLLER-CABIN ALTITUDE ALT -----	1	A	
-57	S-224-2	• CONTROLLER-CABIN ALTITUDE ALT -----	1	A	
	B-4885C-12	• INDICATOR-CABIN RATE OF CLIMB -----	1	A	
-58	C2006	• INDICATOR-CABIN ALTITUDE -----	1	S	
-59	S-222-1	• INDICATOR-CABIN ALTITUDE -----	1	Y	
-60	MS25499-1-327	• INDICATOR-CABIN ALTITUDE ALT -----	1	Z	
	SEE FIGURE 47	• FOR 402-2-0002 -----	1	Z	
	SEE FIGURE 48	• FIXTURE-LIGHT CAB RATE CLIMB -----	1	A	
-61	SEE FIGURE 1	• VALVE-MANUAL DUMP -----	1	T	
		• GUARD-SWITCH MANUAL DUMP -----	1	T	
		• INDICATOR-TURN & BANK M16 -----	1	A	
		• FIXTURE-LIGHT TURN & BANK -----	1	A	
		• EQUIPMENT INSTL-COPILOTS SUB PANEL -----	1	A	
		• SWITCH-PRIMARY STEER SW70 -----	1	A	
		• CLOCK -----	1	A	
		• FIXTURE-LIGHT CLOCK -----	1	A	
		• EQUIPMENT INSTL-SWITCH PANEL -----	1	A	
		• PLACARDS-INSTRUMENT PANEL -----	1	A	
		CONTINUED	REF		
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
42 -		<p>A 015 &amp; ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381</p> <p>B 015 THRU 034 EXCEPT A/C MOD PER ECR 233 ECR 277 OR ECR 381</p> <p>C 035 &amp; ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227</p> <p>D 050A &amp; 070 &amp; ON &amp; A/C MOD PER SK23-226 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381</p> <p>E 015 THRU 049 EXCEPT A/C MOD PER ECR 233 ECR 230 ECR 277 OR ECR 381</p> <p>F 050 &amp; ON EXCEPT A/C MOD PER ECR 230 OR ECR 227</p> <p>G 015 THRU 069 EXCEPT A/C MOD PER ECR 233 ECR 230 ECR 277 OR ECR 381</p> <p>H 015 &amp; ON WHEN MOD PER SK23-247 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381</p> <p>J 040 THRU 091 EXCEPT A/C MOD PER ECR 230 OR ECR 227</p> <p>K 015 THRU 069 EXCEPT A/C MOD PER SK23-180 ECR 233, ECR 230, ECR 277 OR ECR 381</p> <p>L 015 &amp; ON EXCEPT A/C MOD PER SK23-197, ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381</p> <p>M 015 &amp; ON WHEN MOD PER SK23-197 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381</p> <p>N 015 THRU 024 EXCEPT A/C MOD PER SK23-195 ECR 233 ECR 277, ECR 381 OR ECR 392</p> <p>P 015 THRU 024 WHEN MOD PER SK23-195 EXCEPT A/C MOD PER ECR 233, ECR 277, ECR 381 OR ECR 392</p> <p>Q 025 &amp; ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227 OR ECR 392</p> <p>R 025 &amp; ON &amp; A/C MOD PER SK23-195 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227 ECR 277, ECR 381, ECR 392 OR ECR 401</p> <p>S 015 THRU 029 EXCEPT A/C MOD PER ECR 233 ECR 277 OR ECR 381</p> <p>T 030 &amp; ON EXCEPT A/C MOD PER ECR 233, ECR 230 OR ECR 227</p> <p>U 015 THRU 029 EXCEPT A/C MOD PER SK23-123, ECR 233, ECR 277 OR ECR 381</p> <p>V 030 &amp; ON &amp; A/C MOD PER SK23-123 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381</p> <p>W 015 &amp; ON EXCEPT A/C MOD PER SK23-203, SK23-169, ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381</p> <p>X 015 THRU 069 WHEN MOD PER SK23-169 &amp; 070 &amp; ON WHEN MOD PER SK23-203 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381</p> <p>Y 030 THRU 093 EXCEPT A/C MOD PER ECR 233, ECR 230 OR ECR 227</p> <p>Z 094 &amp; ON EXCEPT A/C MOD PER ECR 227</p> <p>AA 015 &amp; ON WHEN EQUIPPED WITH WING ANTI ICE EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381</p> <p>AB 070 &amp; ON EXCEPT A/C MOD PER ECR 227</p> <p>AC 070 &amp; ON EXCEPT A/C MOD PER SK23-247 OR ECR 227</p> <p>AD SPARE FOR RCM-20-MS</p> <p>AE 015 &amp; ON WHEN MOD PER AAK70-6 EXCEPT/AC MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381</p> <p>A---ATTACHING PARTS</p>			

LIMITED EFFECTIVITY Serial Code A

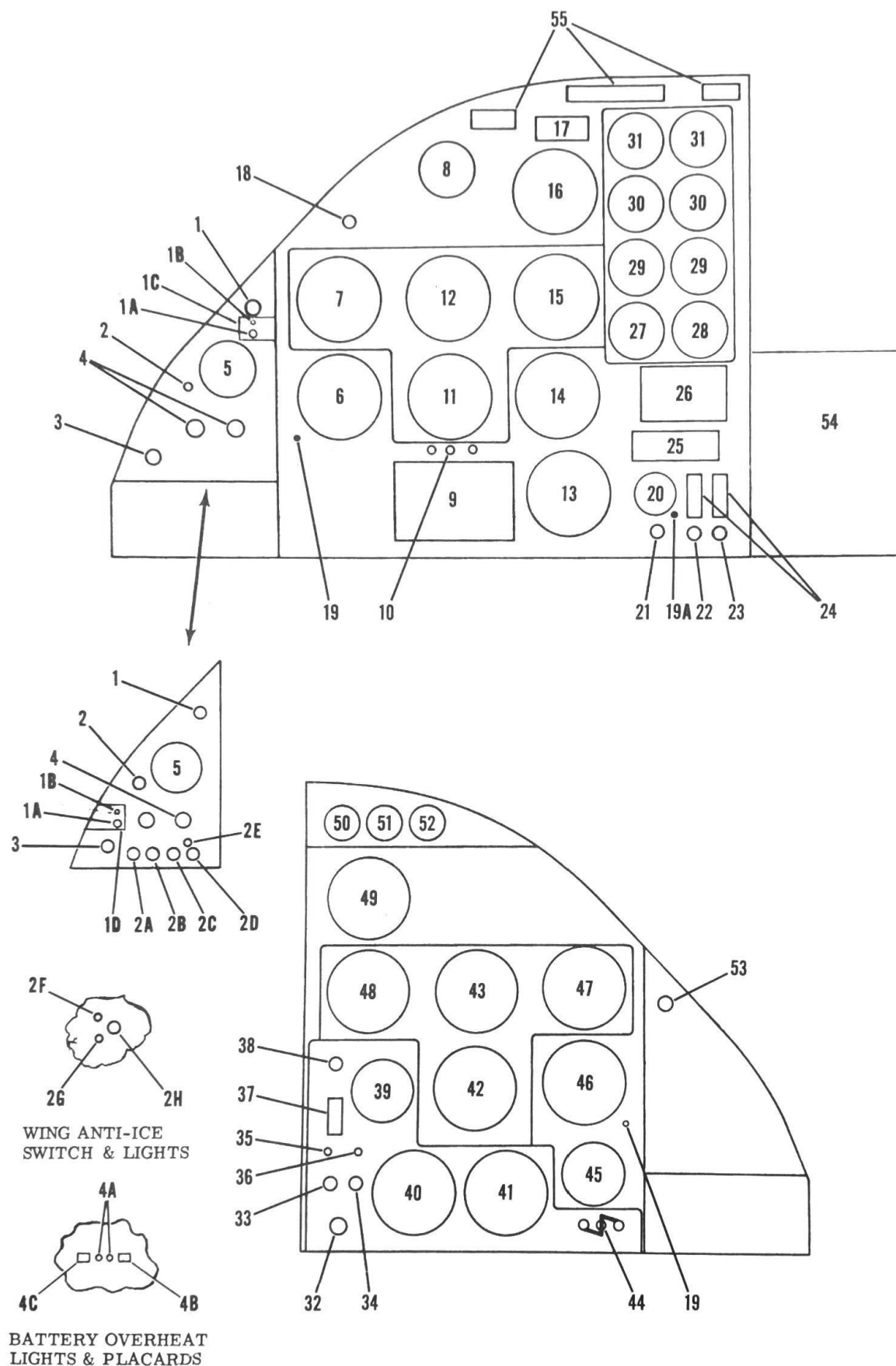


Figure 42A. Instrument Panel Equipment Installation

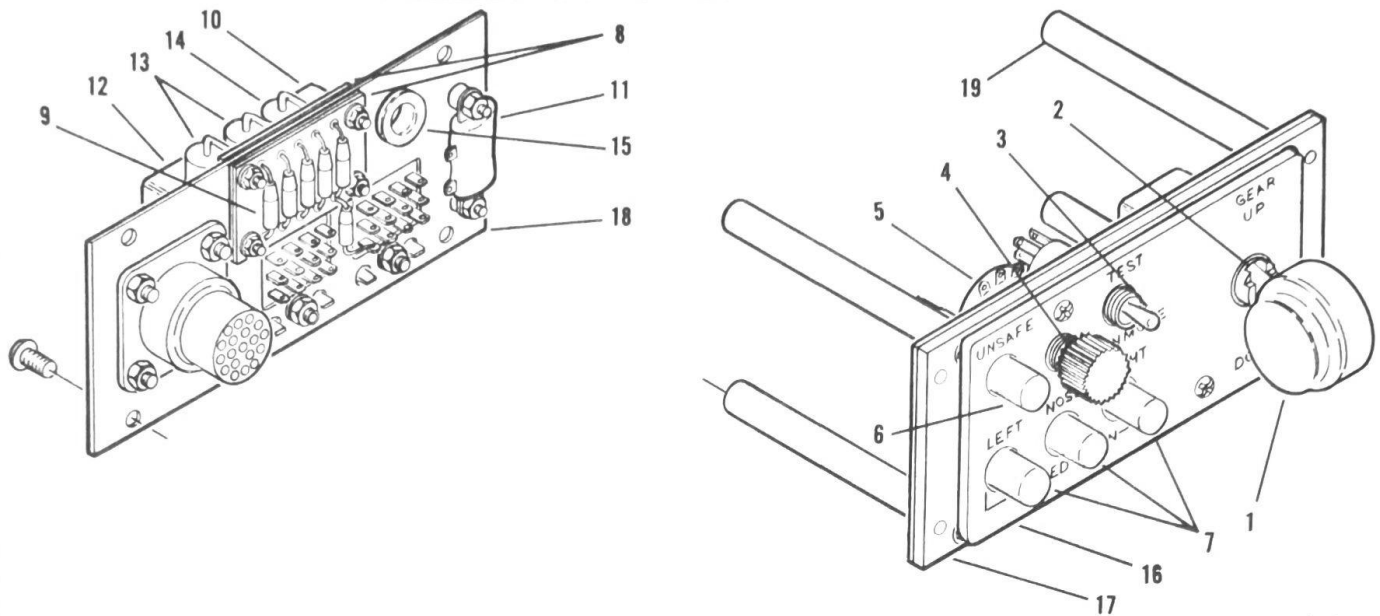
LIMITED EFFECTIVITY Serial Code A

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
42A-		INSTRUMENT PANEL EQUIPMENT INSTALLATION			
-1	C2006	• EQUIPMENT INSTL-PILOTS SUB PANEL -----	1	A	
-1A	MST105F	• • SWITCH-PRIMARY STEERING SW69 -----	1	A	
-1B	BEP62GBF	• • SWITCH-STEER LOCK -----	1	A	
-1C	2484005-007	• • LIGHT-STEER LOCK INDICATOR -----	1	F	
-1D	2484005-008	• • PLACARD-STEER LOCK SWITCH -----	1	G	
-2	6600144-002	• • PLACARD-STEER LOCK SWITCH -----	1	H	
-2A	8869K1	• • INDICATOR-WING TEMPERATURE -----	1	C	
-2B	8869K4	• • SWITCH-WINDSHIELD & RADOME ANTI-ICE -----	1	C	
-2C	8869K2	• • SWITCH-STABILIZER & WING HEAT -----	1	C	
-2D	8869K4	• • SWITCH-WINDSHIELD HEAT ON & OFF CONT -----	1	C	
-2E	BEP62GBL	• • SWITCH-WINDSHIELD HEAT MAN & AUTO -----	1	C	
-2F	BEP62RBL	• • LIGHT-DEFOG VALVE INDICATOR -----	1	C	
-2G	BEP62GBL	• • LIGHT-WING HEAT INDICATOR -----	1	E	
-2H	8868K4	• • LIGHT-WING OVER HEAT INDICATOR -----	1	E	
-3	8824K8	• • SWITCH-WING ANTI-ICE CONTROL -----	1	E	
-4	70-2WD-2G	• • SWITCH-AUTO PILOT MASTER -----	1	A	
-4A	BEP62R8	• • KNOB-PANEL LIGHTS RHEOSTAT -----	2	A	
-4B	2481110-010	• • LIGHT-BATTERY OVERHEAT WARNING -----	2	A	
-4C	2481110-009	• • PLACARD-LIGHT BAT 160 -----	1	A	
-5	S-215-2	• • PLACARD-LIGHT BAT 140 -----	1	A	
	A-8970-C-1-327	• • INDICATOR-RAM AIR TEMPERATURE M19 -----	1	A	
		• • FIXTURE-LIGHT RAM AIR TEMP -----	1	A	
-6	TC100	• EQUIPMENT INSTL-PILOTS PRIMARY PANEL -----	1	A	
		• • INDICATOR-TURN COORDINATOR			
		TYPE 24-4 M15 -----	1	A	
-7	2380037-005	• • FIXTURE-LIGHT TURN COORDINATOR -----	1	A	
	S-225-3	• • INDICATOR-AIRSPEED MACHMETER -----	1	A	
	2380037-005	• • FIXTURE-LIGHT AIRSPEED -----	1	A	
-8	6600082-002	• • INDICATOR-ANGLE OF ATTACK M31 -----	1	A	
	A-8970-C-1-327	• • FIXTURE-LIGHT ANGLE OF ATTACK -----	1	A	
-9	S-229-2	• • INDICATOR-INSTRUMENT CLUSTER			
		NON-MODULAR -----	1	D	
	2481038-019	• • INDICATOR-INSTRUMENT CLUSTER			
		NON MODULAR -----	1	C	
	S-236-1	• • INDICATOR-INSTRUMENT CLUSTER MODULAR -----	1	D	
	S-236-2	• • INDICATOR-INSTRUMENT CLUSTER MODULAR -----	1	C	
	S-240-1	• • • VOLTMETER-AC MODULE -----	1	A	
	S-238-1	• • • AMMETER MODULE -----	2	D	
	S-238-3	• • • AMMETER MODULE -----	2	C	
	S-239-1	• • • VOLTMETER-DC MODULE -----	1	A	
	S-241-1	• • • INDICATOR-OIL TEMP MODULE -----	2	A	
	A-8970-C-1-327	• • FIXTURE LIGHT INSTR CLUSTER -----	2	A	
-10	8866K4	• • SWITCH VOLTMETER SW121 -----	1	A	
-11	522-2638-001	• • INDICATOR-COURSE M53 -----	1	A	
	A-8970-C-1-327	• • FIXTURE-LIGHT COURSE IND -----	1	A	
-12	5-4000-02	• • INDICATOR-VERTICAL GYRO M58 -----	1	A	
	A-8970-C-1-327	• • FIXTURE-LIGHT VERT GYRO -----	1	A	
-13	066-3003-00	• • INDICATOR-DME M59 -----	1	A	
	A-8970-C-1-327	• • FIXTURE-LIGHT DME IND -----	1	A	
-14	S-203-2	• • INDICATOR-RATE OF CLIMB -----	1	A	
	2380037-005	• • FIXTURE-LIGHT RATE OF CLIMB -----	1	A	
-15	S-200-3	• • ALTIMETER -----	1	A	
	2380037-005	• • FIXTURE-LIGHT ALTIMETER -----	1	A	
-16	201-1006-003	• • INDICATOR-RADIO MAGNETIC M51 -----	1	A	
	2380037-005	• • FIXTURE-LIGHT RADIO MAG IND -----	1	A	
-17	2318018-001	• • LIGHT ASSEMBLY-ANTI SKID GEN E56 -----	1	A	
	BEP62CBL	• • • LIGHT-ANTI SKID TEST IND CLEAR -----	1	A	
	BEP62GBL	• • • LIGHT-ANTI SKID GEN IND GREEN -----	4	A	
	62	• • • LAMP-INDICATOR LIGHT -----	5	A	
	39-1	• • • SWITCH-ANTI SKID TEST -----	1	A	
-18	507-5-2M	• • KNOB-WINDSHIELD DEICE -----	1	A	
	XR6268	• • SWITCH-WINDSHIELD DEICE -----	1	A	
-19	BEP62ABL	• • LIGHT-TURN & BANK WARN LH & RH -----	2	A	
-19A	BEP62ABL	• • LIGHT-DEFOG VALVE INDICATOR -----	1	D	
-20	S-233-1	• • INDICATOR-FLAP POSITION M23 -----	1	A	
	A-8970-C-1-327	• • FIXTURE-LIGHT FLAP POSITION IND -----	1	A	
-21	8834K4	• • SWITCH-DEFOG SW85 -----	1	D	
-22	2314134-001	• • SWITCH-FIRE EXTINGUISHER NO. 1			
		SW113 -----	1	A	
-23	2314134-002	• • SWITCH-FIRE EXTINGUISHER NO. 2			
		SW114 -----	1	A	
-24	8824K8	• • SWITCH-FIREWALL SHUTOFF			
		SW27,SW28 -----	2	A	
	2314103-001	• • GUARD-FIREWALL SHUTOFF SWITCH -----	2	A	
-25	S-231-1	• • INDICATOR-A/P SERVO EFFORT MT59 -----	1	A	
	A-8970-C-1-327	• • FIXTURE-LIGHT A/P SERVO EFFORT -----	1	A	
-26	SEE FIGURE 45A	• • BOX INSTALLATION-GEAR CONTROL -----	1	A	
-27	2308130-001	• • INDICATOR-FUEL FLOW MB -----	1	A	
	MST-105D	• • • SWITCH-FUEL FLOW INDICATOR -----	1	A	
	A-8970-C-1-327	• • FIXTURE-LIGHT FUEL FLOW IND -----	1	A	
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
42A-28	S-208-5	• • INDICATOR-OIL PRESSURE M10 -----	1	A	
		• • INDICATOR LIGHT-LOW OIL PRESSURE -----	1	A	
-29	A-8970-C-1-327	• • FIXTURE-LIGHT OIL PRESSURE IND -----	1	A	
	S-201-2	• • INDICATOR-PERCENT RPM -----	2	J	
	S-201-5	• • INDICATOR-PERCENT RPM -----	2	K	
	A-8970-C-1-327	• • FIXTURE-LIGHT PERCENT RPM -----	2	A	
-30	S-207-2	• • INDICATOR-EXHAUST TEMP M5,M6 -----	2	A	
	A-8970-C-1-327	• • FIXTURE-LIGHT EXHAUST TEMP -----	2	A	
-31	S-5000-02	• • INDICATOR-ENGINE PRESSURE RATIO			
		M17,M18 -----	2	A	
	A-8970-C-1-327	• • FIXTURE-LIGHT EXHAUST PRESS RATIO -----	2	A	
		• EQUIPMENT INSTL-COPILOTS PANEL -----	1	A	
-32	70-2WD-2G	• • KNOB-CABIN TEMPERATURE SELECTOR -----	1	A	
	CM38496	• • SELECTOR-CABIN TEMPERATURE SW33 -----	1	A	
-33	8824K8	• • SWITCH-BLEED AIR SW29 -----	1	A	
-34	8812K13	• • SWITCH-MANUAL TEMP CONTROL			
		SW31 -----	1	A	
-35	MST-205N	• • SWITCH-CABIN AIR FLOW SW57 -----	1	A	
-36	MST-205P	• • SWITCH-COOLING SYSTEM SW63 -----	1	A	
-37	8801K13	• • SWITCH-CABIN AIR DUMP SW52 -----	1	A	
	MS25224-1	• • GUARD-CABIN AIR DUMP SWITCH -----	1	A	
-38	8824K8	• • SWITCH-CABIN PRESSURE MAN & AUTO -----	1	A	
-39	RCM-20-MS-1	• • INDICATOR-CABIN RATE OF CLIMB -----	1	A	
	A-8970-C-1-327	• • FIXTURE-LIGHT CABIN RATE OF CLIMB -----	1	A	
-40	16297-1	• • CONTROLLER-CABIN ALT E15 -----	1	A	
	A-8970-C-1-327	• • FIXTURE-LIGHT CABIN ALT CONTROL -----	1	A	
-41	402-2-0003	• • INDICATOR-CABIN ALTITUDE			
		DIFFERENTIAL PRESSURE -----	1	A	
	50025-0103	• • INDICATOR-CABIN ALTITUDE DIFF PRESS			
		ALTERNATE FOR 402-2-0003 -----	1	A	
	2380037-005	• • FIXTURE-LIGHT CABIN ALTITUDE -----	1	A	
-42	522-3082-00	• • INDICATOR-COURSE M54 -----	1	A	
	522-3082-000	• • INDICATOR-COURSE ALTERNATE			
		FOR 522-3082-00 -----	1	A	
	A-8970-C-1-327	• • FIXTURE-LIGHT COURSE IND -----	1	A	
-43	S-4000-03	• • INDICATOR-VERTICAL GYRO M58 -----	1	A	
	A-8970-C-1-327	• • FIXTURE-LIGHT VERTICAL GYRO -----	1	A	
-44	365	• • VALVE-MANUAL EMERGENCY DUMP -----	1	A	
	2314089-051	• • GUARD-MANUAL EMERGENCY DUMP VALVE -----	1	A	
-45	S-224-2	• • INDICATOR-TURN & BANK M16 -----	1	A	
	S-234-1	• • INDICATOR-TURN & BANK			
		ALT FOR S-224-2 -----	1	A	
	2380037-005	• • FIXTURE-LIGHT TURN & BANK -----	1	A	
-46	S-203-2	• • INDICATOR-RATE OF CLIMB -----	1	A	
	2380037-005	• • FIXTURE-LIGHT RATE OF CLIMB -----	1	A	
-47	S-200-3	• • ALTIMETER -----	1	A	
	2380037-005	• • FIXTURE-LIGHT ALTIMETER -----	1	A	
-48	S-205-5	• • INDICATOR-AIRSPEED -----	1	A	
	2380037-005	• • FIXTURE-LIGHT AIRSPEED -----	1	A	
-49	551E	• • INDICATOR-ADF GONIOMETER			
		MODEL IU027-04 -----	1	A	
	A-8970-C-1-327	• • FIXTURE-LIGHT GONIOMETER -----	2	A	
		• EQUIPMENT INSTL-COPILOTS UPPER PRIMARY -----	1	A	
-50	6901-831	• • INDICATOR-OXYGEN PRESSURE -----	1	A	
	A-8970-C-1-327	• • FIXTURE-LIGHT OXYGEN PRESSURE -----	1	A	
-51	6901-830	• • INDICATOR-HYDRAULIC PRESSURE -----	1	A	
	A-8970-C-1-327	• • FIXTURE-LIGHT HYDRAULIC PRESSURE -----	1	A	
-52	6901-832	• • INDICATOR-EMERGENCY AIR -----	1	A	
	A-8970-C-1-327	• • FIXTURE-LIGHT EMERGENCY AIR -----	1	A	
		• EQUIPMENT INSTL-COPILOTS SUB PANEL -----	1	A	
-53	C2006	• • SWITCH-PRIMARY STEER SW20 -----	1	A	
-54	SEE FIGURE 48	• SWITCH PANEL EQUIPMENT INSTALLATION -----	1	A	
-55	SEE FIGURE 1	• PLACARDS-INSTRUMENT PANEL -----	REF	A	
		A 003 & ON WHEN MOD PER ECR 233, ECR 230			
		ECR 227, ECR 277 OR ECR 381			
		C 003 & ON WHEN EQUIPPED FOR ICE OPERATION			
		D 003 & ON WHEN MOD PER ECR 233, ECR 230,			
		ECR 227, ECR 277 OR ECR 381 EXCEPT A/C			
		EQUIPPED FOR ICE OPERATION			
		E 003 & ON WHEN MOD PER ECR 233, ECR 230,			
		ECR 227, ECR 277 OR ECR 381 & EQUIPPED			
		WITH WING ANTI-ICE EXCEPT A/C EQUIPPED			
		WITH HORIZONTAL STABILIZER ANTI-ICE			
		F 003 & ON WHEN MOD PER ECR 233, ECR 230,			
		ECR 227, ECR 277 OR ECR 381 & A/C IS			
		MOD PER AAK70-6			
		G 003 & ON WHEN MOD PER ECR 233, ECR 230,			
		ECR 227, ECR 277 OR ECR 381 & A/C IS			
		MOD PER AAK70-6 EXCEPT A/C EQUIPPED FOR			
		CONTINUED			
		A---ATTACHING PARTS			







9-8B

Figure 43. Gear Control Box Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
43 -		GEAR CONTROL BOX INSTALLATION			
	2308103-010	• BOX ASSEMBLY-GEAR CONTROL E6	1	A	
	AN515B4R6	A • SCREW	4	A	
-1	0813502-1	• KNOB	1	A	
-2	8858K44	• SWITCH SW50	1	A	
-3	MST-205S	• SWITCH-GEAR HORN MUTE TEST	1	A	
-4	A833-24A	• KNOB	1	A	
-5	O116	• POT-GEAR WARNING LTS CONTROL	1	A	
-6	RDL-A1F2-327	• LIGHT ASSEMBLY-RED DS30	1	A	
-7	RDL-A1F12-327	• LIGHT ASSEMBLY-GREEN DS27, DS28,DS29	3	A	
-8	2200C	• TERMINAL BOARD-1 SECTION	2	A	
	2308103-007	• INSULATOR	2	A	
	AN515-4R6	A • SCREW	4	A	
	MS21042L04	A • NUT	4	A	
-9	1N2069	• DIODE	6	A	
-10	KHP17D11-24V	• RELAY K17,K18	2	A	
	AN960-3	A • WASHER	2	A	
	E98S348C	A • NUT	2	A	
-11	F114	• RESISTOR-125 OHM 10 WATT	1	A	
	AN515-4R8	A • SCREW	2	A	
	NAS43DD0-12	A • SPACER	2	A	
	MS20365-440	A • NUT	2	A	
-12	PT02SE-14-19P	• RECEPTACLE	1	A	
	AN515-4R5	A • SCREW	4	A	
	MS20365-440	A • NUT	4	A	
-13	680 OHM 2 WATT	• RESISTOR	2	A	
-14	150 OHM 2 WATT	• RESISTOR	1	A	
-15	G60N-A4	• GROMMET	1	A	
-16	2308103-009	• PLACARD	1	A	
	AN515-4R8	A • SCREW	2	A	
-17	2308103-005	• MOUNTING ASSEMBLY	1	A	
	NK505-6R6	A • SCREW	4	A	
-18	2308103-006	• PLATE-BACK	1	A	
	NK515-6R4	A • SCREW	4	A	
-19	AP218-C-704-F06	• POST	4	A	
		A 003 THRU 014 EXCEPT A/C MOD PER ECR 233 OR ECR 392			
		A--ATTACHING PARTS			



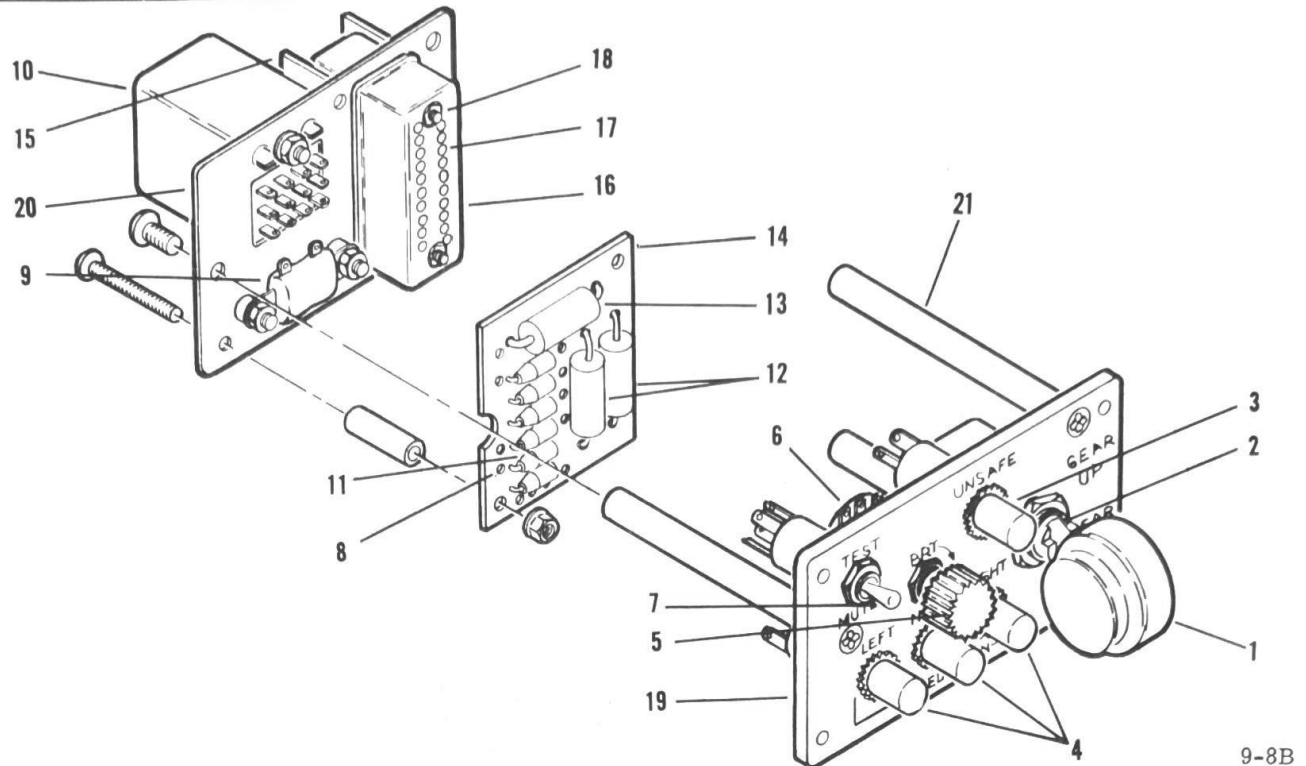
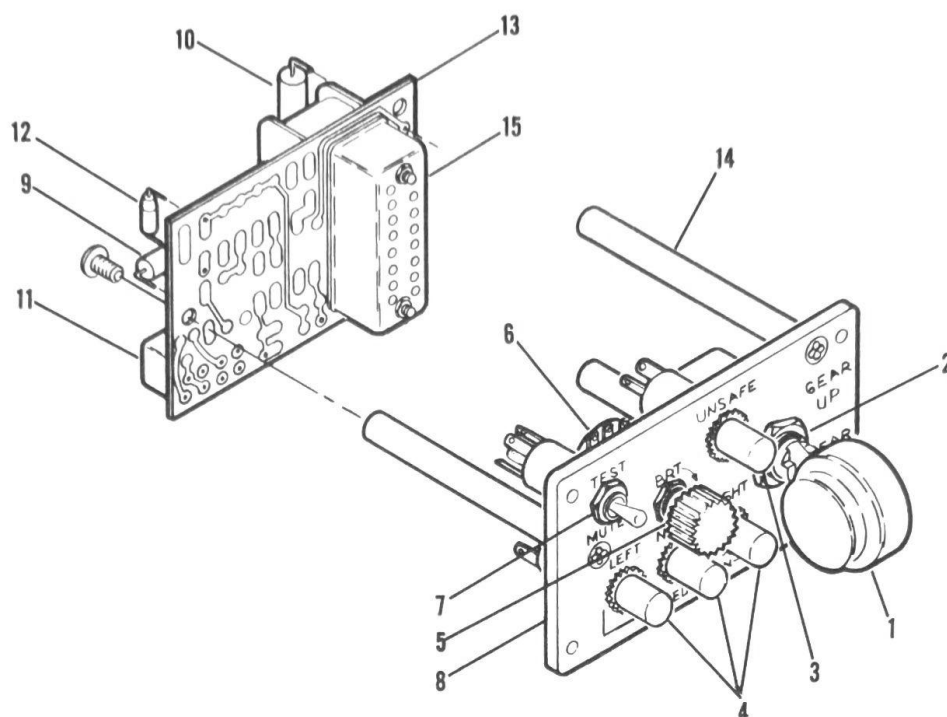


Figure 44. Gear Control Box Installation

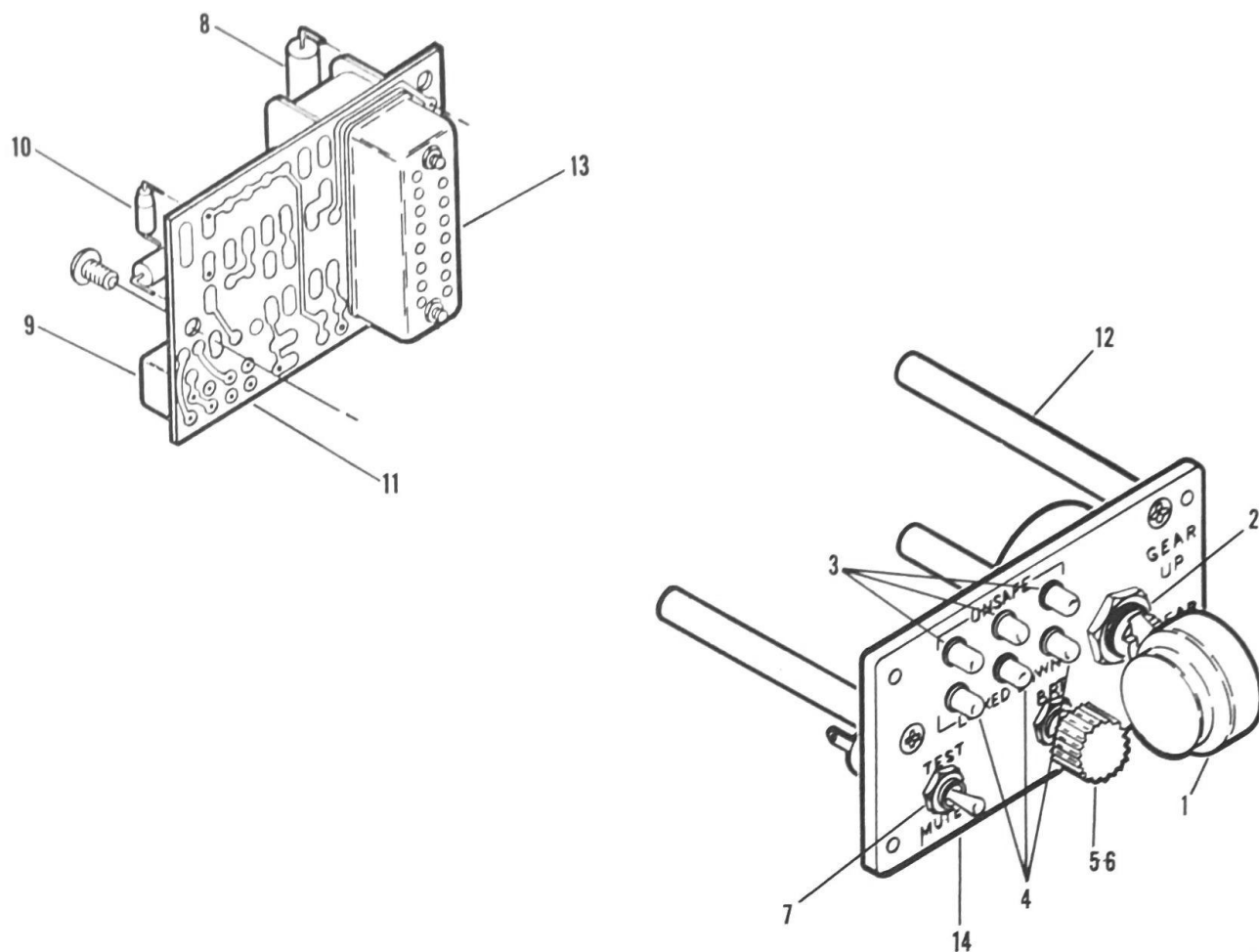
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
44 -	2308113-001	GEAR CONTROL BOX INSTALLATION			
	AN515B4R6	• BOX ASSEMBLY-GEAR CONTROL E6	1	A	
-1	0813502-1	A • SCREW	4	A	
-2	8858K44	• • KNOB	1	A	
-3	RDL-A1F2-327	• • SWITCH SW50	1	A	
-4	RDL-A1F12-327	• • LIGHT ASSEMBLY-RED DS30	1	A	
		• • LIGHT ASSEMBLY-GREEN DS27, DS28,DS29	3	A	
-5	50-1-1G	• • KNOB	1	A	
-6	0116	• • POT-DIMMING MODEL E RS4	1	A	
-7	MST-205S	• • SWITCH-GEAR HORN MUTE TEST	1	A	
-8	2001B-1	• • TERMINAL	15	A	
-9	F114	• • RESISTOR-125 OHM 10 WATT	1	A	
	AN515-4R8	A • SCREW	2	A	
	MS20365-440	A • NUT	2	A	
-10	KHP17D11-24V	• • RELAY K17	1	A	
	AN960-3	A • WASHER	1	A	
	E9BS348C	A • NUT	1	A	
	2308113-003	• • BOARD ASSEMBLY-CIRCUIT	1	A	
	AN515-4R14	A • SCREW	2	A	
	NAS43DD0-40	A • SPACER	2	A	
	MS21042L04	A • NUT	2	A	
-11	1N2069	• • DIODE	6	A	
-12	680 OHM 2 WATT	• • RESISTOR	2	A	
-13	150 OHM 2 WATT	• • RESISTOR	1	A	
-14	6608015-001	• • BOARD-PRINTED CIRCUIT	1	A	
-15	201785-4	• • GUARD	1	A	
-16	200512-2	• • HOUSING	1	A	
-17	42980-1	• • PIN	26	A	
-18	200875-2	• • JACKSCREW	2	A	
-19	6608014-001	• • PANEL	1	A	
	NK505-6R6	A • SCREW	3	A	
-20	2308113-002	• • PLATE-BACK	1	A	
	NK515-6R4	A • SCREW	3	A	
-21	AP218-C-M04-F06	• • POST	3	A	
		A Q15 THRU Q79 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, ECR 392 OR ECR 401			
		A---ATTACHING PARTS			



9-8B

Figure 45. Gear Control Box Installation

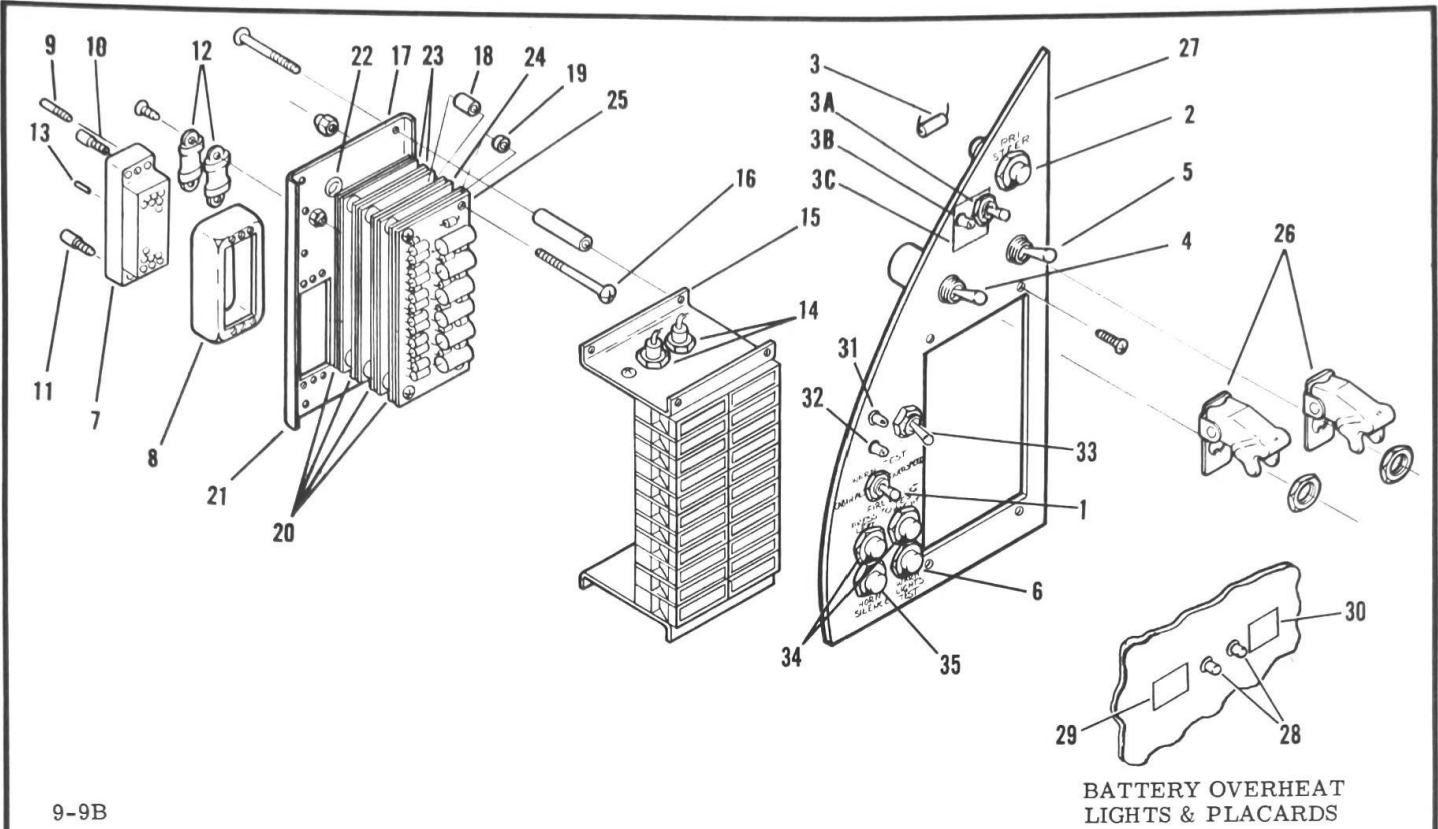
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
45 -		GEAR CONTROL BOX INSTALLATION			
	2308117-001	• BOX ASSEMBLY-GEAR CONTROL E6 -----	1	A	
	AN51584R6	A • SCREW -----	4	A	
-1	0813502-1	• • KNOB-GEAR CONTROL -----	1	A	
-2	8858K44	• • SWITCH SW50 -----	1	A	
-3	RDL-A1F2-327	• • LIGHT ASSEMBLY-RED DS30 -----	1	A	
-4	RDL-A1F12-327	• • LIGHT ASSEMBLY-GREEN DS27, DS28, DS29 -----	1	A	
-5	50-1-1G	• • KNOB-DIMMING POT -----	3	A	
-6	0116	• • POT-DIMMING MODEL E RS4 -----	1	A	
-7	MST-205S	• • SWITCH-GEAR HORN MUTE TEST -----	1	A	
-8	6608014-001	• PANEL -----	1	A	
	NK505-6R6	A • SCREW -----	3	A	
	2308116-001	• • BOARD ASSEMBLY-CIRCUIT -----	1	A	
	NK515-6R4	A • SCREW -----	3	A	
-9	VAL-3 700 OHM	• • RESISTOR -----	2	A	
-10	VAL-3 150 OHM	• • RESISTOR -----	1	A	
-11	FC-1-P	• • RELAY K17 -----	1	A	
-12	1N2069	• • DIODE -----	13	A	
-13	6608027-001	• • BOARD-PRINTED CIRCUIT -----	1	A	
-14	AP218-C-M04-F06	• POST -----	3	A	
-15	S-801-2FP0	• PLUG ASSEMBLY -----	1	A	
		A 080 & ON EXCEPT A/C MOD PER ECR 227			
		A---ATTACHING PARTS			



9-8B

Figure 45A. Gear Control Box Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
45A-		GEAR CONTROL BOX INSTALLATION			
	2308121-001	• BOX ASSEMBLY-GEAR CONTROL E6	1	A	
-1	AN515B4R6	A • SCREW	4	A	
-2	0813502-1	• KNOB-GEAR CONTROL	1	A	
-3	8858K44	• SWITCH-GEAR CONTROL SW50	1	A	
-4	BEP62RBL	• LIGHT-INDICATOR RED DS30,	3	A	
		DS31,DS32			
-5	BEP62GBL	• LIGHT-INDICATOR GREEN DS27,	3	A	
		DS28,DS29			
-6	50-1-1G	• KNOB-DIMMING POT	1	A	
-7	0116	• POT-DIMMING MODEL E RS4	1	A	
	MST-105G	• SWITCH-GEAR HORN MUTE TEST	1	A	
	2308122-002	• BOARD ASSEMBLY-CIRCUIT E52	1	A	
-8	NK505-6R6	A • SCREW	3	A	
-9	VAL-3 150 OHM	• RESISTOR	1	A	
-10	FC-1-P	• RELAY K17	1	A	
-11	1N2029	• DIODE	15	A	
-12	6608027-002	• BOARD-PRINTED CIRCUIT	1	A	
	AP218-C-M04-F06	• POST	3	A	
-13	NK515-6R4	A • SCREW	3	A	
-14	S-801-2FP0	• PLUG ASSEMBLY	1	A	
	6608031-002	• PANEL	1	A	
		A 003 & ON WHEN MOD PER ECR 233, ECR 230 ECR 227, ECR 277, ECR 381, ECR 392 OR ECR 401			
		A---ATTACHING PARTS			



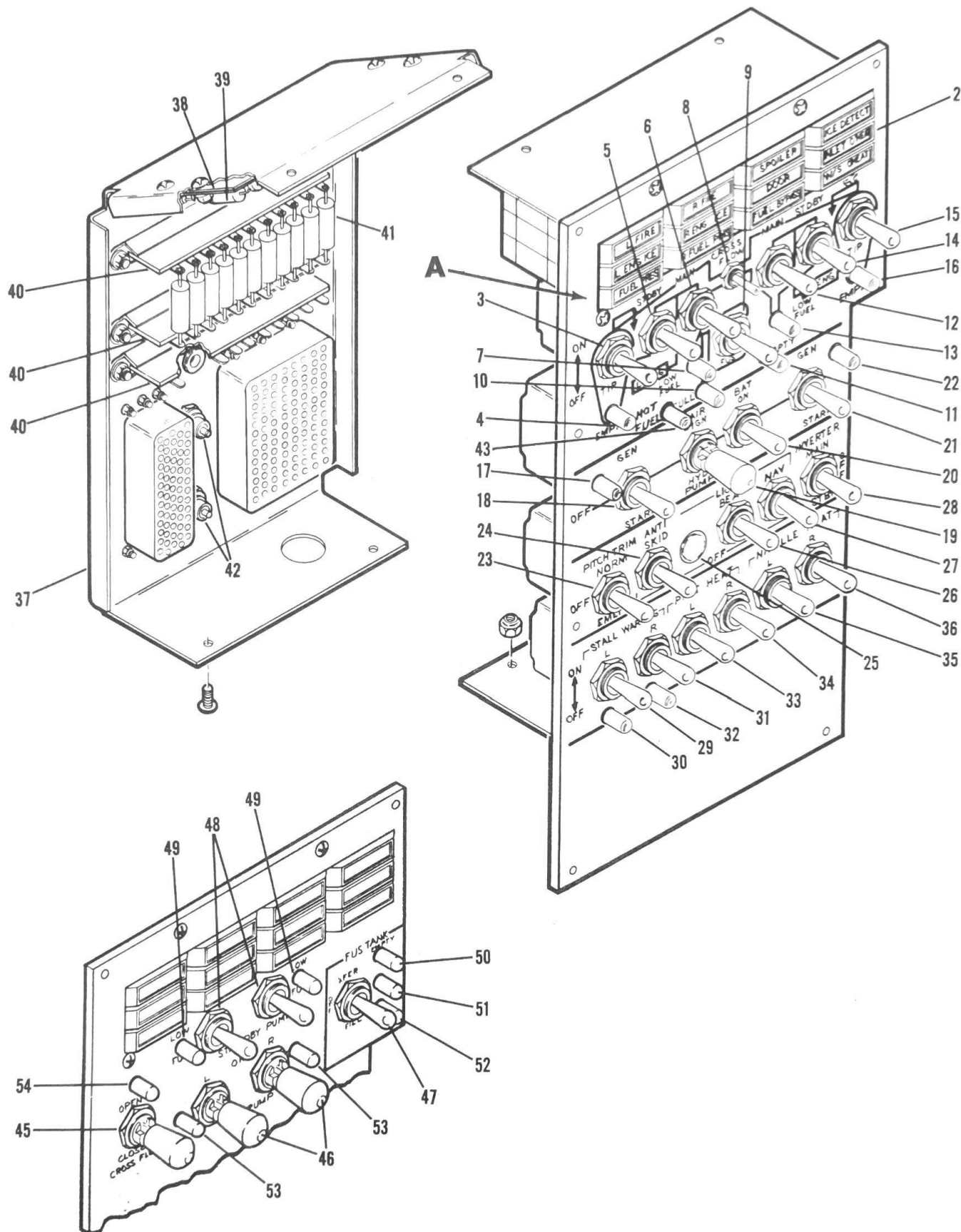
9-9B

Figure 46. Pilots Sub Panel Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				1 2 3 4 5 6 7	THRU
46 -		PILOTS SUB PANEL INSTALLATION			
-1	MS35214-42 MST-205S	A . PANEL ASSEMBLY-PILOTS SUB -----	1		A
		. . SCREW -----	6		A
		. . SWITCH-CABIN ALT & MACH TEST SW86 -----	1		A
-2	C2006	. . SWITCH-PRIMARY STEERING SW69 -----	1		A
-3	18K 1/2 WATT	. . RESISTOR -----	1		A
-3A	MST105F	. . SWITCH-STEER LOCK -----	1		F
-3B	BEP62GBP	. . LIGHT-STEER LOCK INDICATOR -----	1		F
-3C	2484005-009	. . PLACARD-STEER LOCK SWITCH -----	1		F
-4	T1003	. . SWITCH-ENGINE FIRE SW27 -----	1		A
-5	8810K12	. . SWITCH-ENGINE FIRE SW28 -----	1		A
-6	H1266	. . SWITCH-WARN LIGHT TEST SW83 -----	1		A
-7	200277-2	. . HOUSING -----	1		A
-8	201390-2	. . HOOD -----	1		A
-9	200833-4	. . PIN-GUIDE -----	2		A
-10	200875-2	. . JACKSCREW-FEMALE -----	2		A
-11	200835-4	. . SOCKET-GUIDE -----	2		A
-12	F117	. . RESISTOR-250 OHM 10 WATT -----	2		A
-13	42980-1	. . PIN -----	50		A
-14	6F200	. . DIODE -----	2		A
-15	6600052-002	. . LIGHT ASSEMBLY-WARNING -----	1		D
	2381239-018	. . LIGHT ASSEMBLY-WARNING -----	1		E
	MS25237-327	. . LAMP -----	44		A
-16	AN515-4R32	. . SCREW -----	4		A
-17	MS20364-440	. . NUT -----	4		A
-18	NAS43DD3-24	. . SPACER -----	12		A
-19	P9226	. . SPACER-INSULATED -----	16		A
-20	2308104-003	. . STRIP-INSULATING -----	4		A
-21	2308104-002	. . BRACKET -----	1		A
-22	G60N-A4	. . GROMMET -----	1		A
-23	2308108-001	. . CIRCUIT BOARD ASSEMBLY-WARNING LIGHT -----	2		A
-24	2308108-002	. . CIRCUIT BOARD ASSEMBLY-WARNING LIGHT -----	1		A
-25	2308108-003	. . CIRCUIT BOARD ASSEMBLY-WARNING LIGHT -----	1		A
-26	MS25224-1	. . GUARD-SWITCH -----	2		A
-27	2314051-026	. . PANEL-PILOTS SUB -----	1		A
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
46 -28	BEP62RB	. . LIGHTS-BATTERY OVERHEAT INDICATOR -----	2	A	
-29	2481110-009	. . PLACARD BAT-140 -----	1	A	
-30	2481110-010	. . PLACARD BAT-160 -----	1	A	
-31	BEP62RBL	. . LIGHT-WING HEAT INDICATOR -----	1	C	
-32	BEP62GBL	. . LIGHT-WING OVER HEAT INDICATOR -----	1	C	
-33	SS48152	. . PLUG BUTTON -----	1	B	
	8868K4	. . SWITCH-WING ANTI-ICE CONTROL -----	1	C	
-34	C2006	. . SWITCH-FIRE DETECT -----	2	A	
-35	C2006	. . SWITCH-HORN SILENCE -----	1	A	
		A 003 THRU 014 EXCEPT A/C MOD PER ECR 233			
		B 003 THRU 014 EXCEPT A/C EQUIPPED WITH			
		WING ANTI-ICE OR MOD PER ECR 233			
		C 003 THRU 014 WHEN EQUIPPED WITH WING			
		ANTI-ICE EXCEPT A/C MOD PER ECR 233			
		D 003 THRU 014 EXCEPT A/C MOD PER ECR 233			
		OR ECR 392			
		E 003 THRU 014 WHEN MOD PER ECR 392			
		EXCEPT A/C MOD PER ECR 233			
		F 003 THRU 014 WHEN MOD PER AAK70-6 EXCEPT			
		A/C MOD PER ECR 233			
		A---ATTACHING PARTS			

LIMITED EFFECTIVITY Serial Code A



Detail A

Figure 47. Switch Panel &amp; Warning Light Equipment Installation

9-10C



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
47 -		SWITCH PANEL & WARNING LIGHT EQUIPMENT INSTALLATION			
		• PANEL ASSEMBLY-SWITCH & WARN LIGHT -----	1	A	
		A • SCREW -----	6	A	
-2	AN515B6R6 6608021-001	• • LIGHT ASSEMBLY-WARNING E39 -----	1	A	
	AN515B6R6	A • SCREW -----	4	A	
	MS25237-327	• • LAMP-LIGHT -----	24	A	
-3	8810K12	• • SWITCH ASSEMBLY-TIP TANK LH -----			
		SW21 -----	1	F	
-4	MS25446-6	• • LAMP-TIP TANK EMPTY LH DS51 -----	1	F	
-5	8824K8	• • SWITCH ASSY-STANDBY SW67 -----	1	F	
-6	8810K12	• • SWITCH ASSEMBLY-MAIN WING TANK LH -----	1	C	
	8857K45	• • SWITCH ASSEMBLY-JET FUEL PUMP LH -----	1	D	
-7	MS25446-4	• • LAMP-LOW FUEL DS55 -----	1	F	
-8	MST-105D	• • SWITCH ASSY-CROSS FLOW SW68 -----	1	F	
-9	8824K8	• • SWITCH-FUSELAGE TANK TRANSFER SW26 -----	1	F	
-10	MS25446-5	• • LAMP-FUSELAGE TANK FULL DS54 -----	1	F	
-11	MS25446-6	• • LAMP-FUSELAGE TANK EMPTY DS54 -----	1	F	
-12	8810K12	• • SWITCH ASSEMBLY-MAIN WING TANK RH -----	1	C	
	8857K45	• • SWITCH ASSEMBLY-JET FUEL PUMP RH -----	1	D	
-13	MS25446-4	• • LAMP-LOW FUEL DS56 -----	1	F	
-14	8824K8	• • SWITCH ASSY-STANDBY SW25 -----	1	F	
-15	8810K12	• • SWITCH ASSY-TIP TANK RH SW24 -----	1	F	
-16	MS25446-6	• • LAMP-TIP TANK EMPTY DS52 -----	1	F	
-17	MS25446-4	• • LAMP-GENERATOR ON DS47 -----	1	A	
-18	7662K5	• • SWITCH ASSY-START GEN CONTROL SW1 -----	1	A	
-19	8858K40	• • SWITCH ASSEMBLY-AIR IGN/HYD PUMP SW3 -----	1	A	
-20	8801K16	• • SWITCH ASSY-BATTERY ON SW5 -----	1	A	
-21	7662K5	• • SWITCH ASSY-START GEN CONTROL SW2 -----	1	A	
-22	MS25446-4	• • LAMP-GENERATOR ON DS48 -----	1	A	
	2318364-002	• • PLATE-SWITCH ALIGNMENT POWER -----	1	A	
-23	8820K10	• • SWITCH ASSY-EMERGENCY & NORMAL PITCH TRIM SW11 -----	1	A	
-24	8810K12	• • SWITCH ASSY-ANTI SKID SW87 -----	1	A	
	8810K12	• • SWITCH ASSEMBLY-TAXI SW16 -----	1	B	
-25	SS48152	• • BUTTON-PLUG -----	1	E	
-26	8810K12	• • SWITCH ASSEMBLY-STROBE LIGHT AND/OR BEACON LIGHT -----	1	A	
-27	8810K12	• • SWITCH ASSY-NAV SW14 -----	1	A	
-28	8869K1	• • SWITCH ASSEMBLY-INVERTER SW6 -----	1	A	
	2318364-004	• • PLATE-SWITCH ALIGNMENT FLIGHT -----	1	A	
-29	8810K12	• • SWITCH ASSEMBLY-STALL WARN LH SW81 -----	1	A	
-30	MS25446-4	• • LAMP-STALL WARNING LH DS49 -----	1	A	
-31	8810K12	• • SWITCH ASSEMBLY-STALL WARN RH SW82 -----	1	A	
-32	MS25446-4	• • LAMP-STALL WARNING RH DS50 -----	1	A	
-33	8810K12	• • SWITCH ASSEMBLY-PITOT HEAT LH -----	1	H	
	8824K8	• • SWITCH ASSEMBLY-PITOT HEAT LH -----	1	J	
-34	8810K12	• • SWITCH ASSEMBLY-PITOT HEAT RH -----	1	H	
	8824K8	• • SWITCH ASSEMBLY-PITOT HEAT RH -----	1	J	
-35	8824K8	• • SWITCH ASSEMBLY-NACELLE HT LH SW41 -----	1	A	
-36	8824K8	• • SWITCH ASSEMBLY-NACELLE HT RH SW42 -----	1	A	
	2318364-003	• • ANGLE-SWITCH ALIGNMENT SAFETY/FLT -----	1	A	
-37	2318364-001	• • PLATE-BACK SWITCH & WARN LT PANEL -----	1	A	
	AN515-6R5	A • SCREW -----	4	A	
	MS20365-632	A • NUT -----	4	A	
	2308104-003	• • STRIP-INSULATING -----	1	A	
-38	6608006	• • STRIP-TERMINAL -----	1	B	
	2308114-001	• • CIRCUIT BOARD ASSY-WARN LIGHT -----	1	E	
	AN515B4R6	A • SCREW -----	4	A	
	MS21042L04	A • NUT -----	4	A	
-39	1N2069	• • DIODES -----	31	B	
-40	2010	• • STRIP-TERMINAL -----	3	A	
	AN515-4R4	A • SCREW -----	6	A	
	MS21042L04	A • NUT -----	6	A	
-41	330 OHM 2 WATT	• • RESISTOR -----	11	A	
-42	6F20D	• • DIODE -----	2	A	
	G60N-A3	• • GROMMET -----	1	A	
-43	MS25446-4	• • LAMP-HOT FUEL DS70 -----	AR	C	
-45	8858K44	• • SWITCH-FUEL CROSS FLOW -----	1	G	
-46	8857K45	• • SWITCH-JET FUEL PUMP LH & RH -----	2	G	
-47	8858K40	• • SWITCH-FUSE TANK FILL & XFER -----	1	G	
-48	T1003	• • SWITCH-STAND BY PUMP L & R IND -----	2	G	
		CONTINUED			
		A---ATTACHING PARTS			



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
47 -49	BEP62RBL	. . LIGHT-STANDBY LOW FUEL L & R -----	2	G	
-50	BEP62CBL	. . LIGHT-FUSE TANK EMPTY IND -----	1	G	
-51	BEP62ABL	. . LIGHT-FUSE TANK LOW IND -----	1	G	
-52	BEP62GBL	. . LIGHT-FUSE TANK XFER VALVE IND -----	1	G	
-53	BEP62ABL	. . LIGHT-JET PUMP L & R IND -----	1	G	
-54	BEP62ABL	. . LIGHT-CROSSFLOW VALVE IND -----	1	G	
		A 015 THRU 069 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 277, ECR 381, ECR 392 OR ECR 401			
		B 015 THRU 027 EXCEPT A/C MOD PER ECR 233 ECR 277, ECR 392 OR ECR 381			
		C 015 THRU 069 EXCEPT A/C EQUIPPED WITH JET FUEL PUMPS			
		D 018 THRU 069 WHEN EQUIPPED WITH JET FUEL PUMPS IN THE WING ONLY			
		E 028 THRU 069 EXCEPT A/C MOD PER ECR 233, OR ECR 230			
		F 015 THRU 069 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 277, ECR 381, ECR 392, ECR 401 OR ECR 354			
		G 040 THRU 069 WHEN MOD PER ECR 354 EXCEPT A/C MOD PER ECR 230			
		H 015 THRU 069 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 277, ECR 381, ECR 392 OR ECR 401 OR AMK70-3			
		J 060 ONLY WHEN MOD PER AMK70-3			
		A---ATTACHING PARTS			

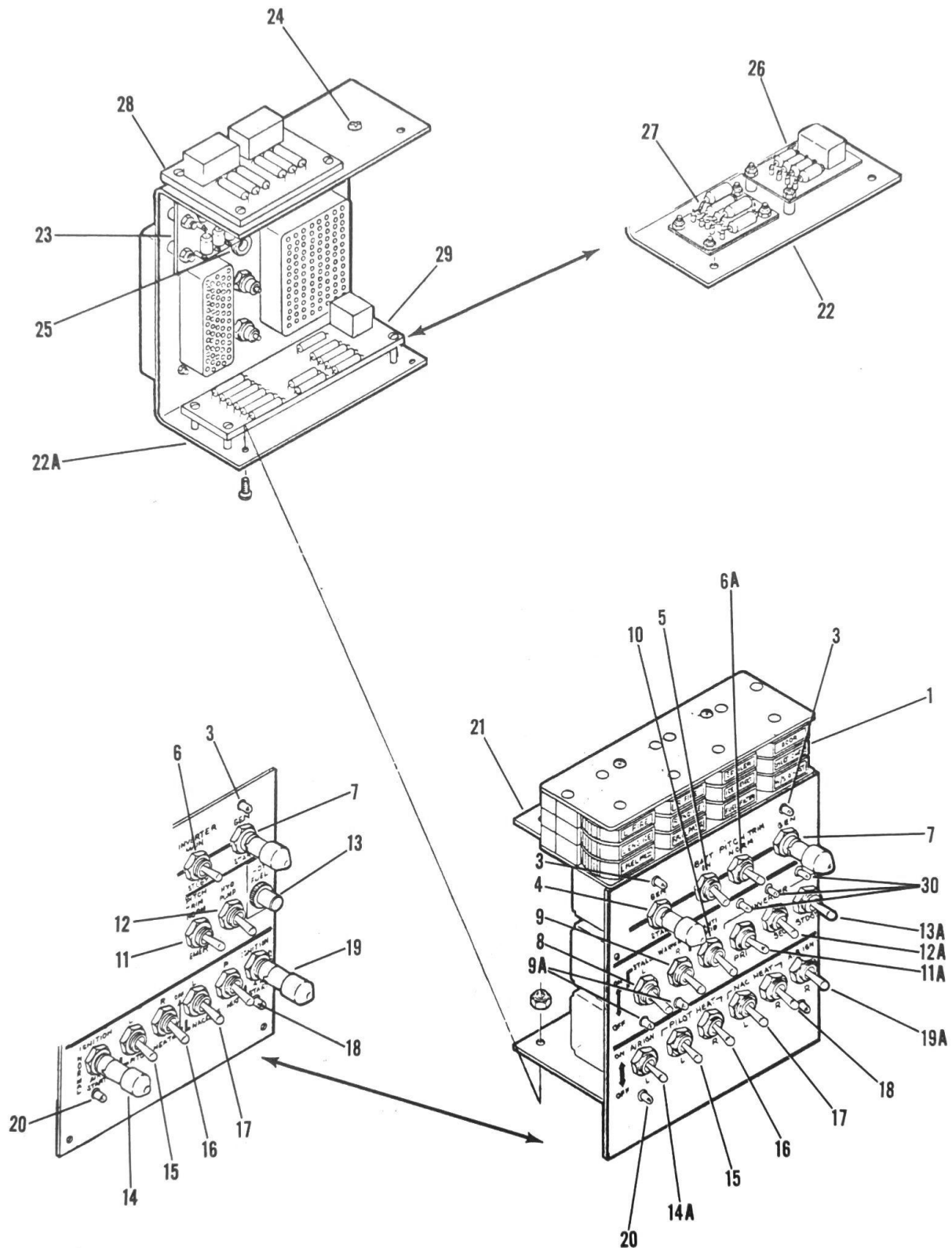


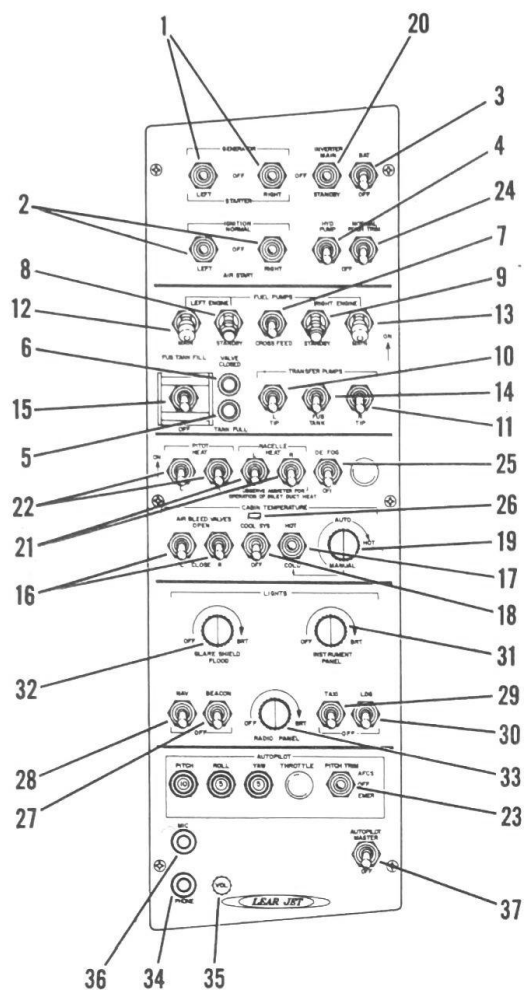
Figure 48. Switch Panel Equipment Installation

9-10C-1

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
48 -		SWITCH PANEL EQUIPMENT INSTALLATION			
		• PANEL ASSEMBLY-SWITCH & WARN LIGHT -----	1	A	
-1	AN515B6R6	A • SCREW -----	3	A	
	6608024-001	• • LIGHT ASSEMBLY-WARNING E39 -----	1	A	
	6608110-001	• • LIGHT ASSEMBLY-WARNING -----	1	G	
	AN515C4-26	A • SCREW -----	2	H	
	MS25237-327	• • LAMP-LIGHT -----	24	A	
-3	BEP62RBL	• • LIGHT-GEN IND DS47,DS48 -----	2	A	
-4	4LT1-1N	• • SWITCH-GENERATOR START LH -----			
		SW1 -----	1	A	
	8859K42	• • SWITCH-GENERATOR START LH -----			
		ALTERNATE FOR 4LT1-1N -----	1	A	
-5	8801K16	• • SWITCH-BATTERY ON SW5 -----	1	A	
-6	8869K1	• • SWITCH-INVERTER MAIN & STANDBY -----			
		SW6 -----	1	K	
	8820K10	• • SWITCH-INVERTER MAIN & STANDBY -----	1	J	
-6A	8820K10	• • SWITCH-PITCH TRIM NORM EMERG -----			
		SW11 -----	1	E	
-7	4LT1-1N	• • SWITCH-GENERATOR START RH -----			
		SW2 -----	1	A	
	8859K42	• • SWITCH-GENERATOR START RH -----			
		ALTERNATE FOR 4LT1-1N -----	1	A	
-8	8810K12	• • SWITCH-STALL WARN LH SW81 -----	1	A	
-9	8810K12	• • SWITCH-STALL WARN RH SW82 -----	1	A	
-9A	BEP62RBL	• • LIGHT-STALL WARN DS49,DS50 -----	2	A	
-10	8810K12	• • SWITCH-ANTI SKID SW87 -----	1	A	
-11	8820K10	• • SWITCH-PITCH TRIM NORM EMERG -----			
		SW11 -----	1	D	
-11A	8810K12	• • SWITCH-INVERTER PRI SW123 -----	1	E	
-12	8810K12	• • SWITCH-HYDRAULIC PUMP SW4 -----	1	D	
-12A	8810K12	• • SWITCH-INVERTER SEC SW6 -----	1	E	
-13	RDL-A1	• • INDICATOR-HOT FUEL DS70 -----	1	K	
-13A	8810K12	• • SWITCH-INV STDBY SW129 -----	1	E	
-14	8858K40	• • SWITCH-AIR START LH SW3 -----	1	K	
	8810K12	• • SWITCH-AIR START LH SW3 -----	1	J	
-14A	8810K12	• • SWITCH-AIR START LH SW3 -----	1	E	
-15	8810K12	• • SWITCH-PITOT HEAT LH SW37 -----	1	A	
-16	8810K12	• • SWITCH-PITOT HEAT RH SW38 -----	1	A	
-17	8824K8	• • SWITCH-NAC HEAT LH SW41 -----	1	A	
-18	8824K8	• • SWITCH-NAC HEAT RH SW42 -----	1	A	
-19	8858K40	• • SWITCH-AIR START RH SW8 -----	1	K	
	8810K12	• • SWITCH-AIR START RH SW8 -----	1	J	
-19A	8810K12	• • SWITCH-AIR START RH SW8 -----	1	E	
-20	BEP62ABL	• • LIGHT-AIR START DS78,DS79 -----	2	A	
-21	2318370-005	• • PLATE-BACK UP -----	1	A	
-22	2318370-003	• • PLATE-BACK UP -----	1	D	
-22A	2318370-010	• • PLATE-BACK UP -----	1	E	
	AN515-6R5	A • SCREW -----	4	A	
	MS20365-632	A • NUT -----	4	A	
-23	2308114-001	• • BOARD ASSY-CIRCUIT WARN LT TEST -----	1	B	
	2308115-001	• • BOARD ASSEMBLY-CIRCUIT E47 -----	1	F	
	AN515-4R10	A • SCREW -----	4	F	
	NAS43DD0-20	A • SPACER -----	4	F	
	MS21042-04	A • NUT -----	4	F	
-24	AN515-8R10	• • SCREW-BONDING JUMPER -----	1	A	
	AN936A8	A • WASHER -----	1	A	
	MS20341-8	A • NUT-JAMB -----	1	A	
	MS20364-832	A • NUT -----	1	A	
-25	G60N-A3	• • GROMMET -----	1	A	
-26		• • BOARD ASSY-CIRCUIT WARN LT TEST -----	1	A	
	AN515-4R5	A • SCREW -----	4	A	
	MS21042L04	A • NUT -----	4	A	
	2200C	• • • TERMINAL BOARD E49 -----	1	A	
	2308103-007	• • • INSULATOR -----	1	A	
-27	2308118-001	• • CIRCUIT BOARD ASSY-GEAR WARN E48 -----	1	F	
	AN515-4R10	A • SCREW -----	3	F	
	NAS43DD0-20	A • SPACER -----	3	F	
	MS21042L04	A • NUT -----	3	F	
-28	2308133-001	• • CIRCUIT BOARD-INVERTER WARN LT D/M -----	1	E	
	AN515-4R8	A • SCREW -----	4	E	
	MS21042L04	A • NUT -----	4	E	
	NAS43DD0-8	A • SPACER -----	4	E	
-29	2308129-001	• • BOARD ASSY-CIRCUIT AURAL WARNING -----	1	E	
	AN515-4R10	A • SCREW -----	4	E	
	MS21042L04	A • NUT -----	4	E	
	NAS43DD0-20	A • SPACER -----	4	E	
-30	BEP62GBL	• • LIGHTS-INVERTER INDICATOR -----	3	E	
		DS100,DS101,DS102 -----			
		A 070 & ON & A/C MOD PER ECR 233, ECR 230, CONTINUED			
		A---ATTACHING PARTS			

LIMITED EFFECTIVITY Serial Code A

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				1 2 3 4 5 6 7	THRU
48 -		ECR 277 OR ECR 381			
	B	070 THRU 079 EXCEPT A/C MOD PER ECR 227			
	D	012, 031 & 070 & ON EXCEPT A/C MOD PER ECR 227			
	E	003 & ON WHEN MOD PER ECR 233, ECR 230 ECR 227, ECR 277 OR ECR 381 EXCEPT 012 & 031			
	F	080 & ON & A/C MOD PER ECR 233, ECR 230 ECR 227, ECR 277 OR ECR 381			
	G	070 & ON & A/C MOD PER ECR 233, ECR 230, ECR 277, ECR 381 EXCEPT A/C EQUIPPED FOR ICE OPERATION			
	H	003 & ON WHEN EQUIPPED FOR ICE OPERATION			
	J	012 & 031			
	K	070 & ON EXCEPT A/C MOD PER ECR 227			
		A---ATTACHING PARTS			

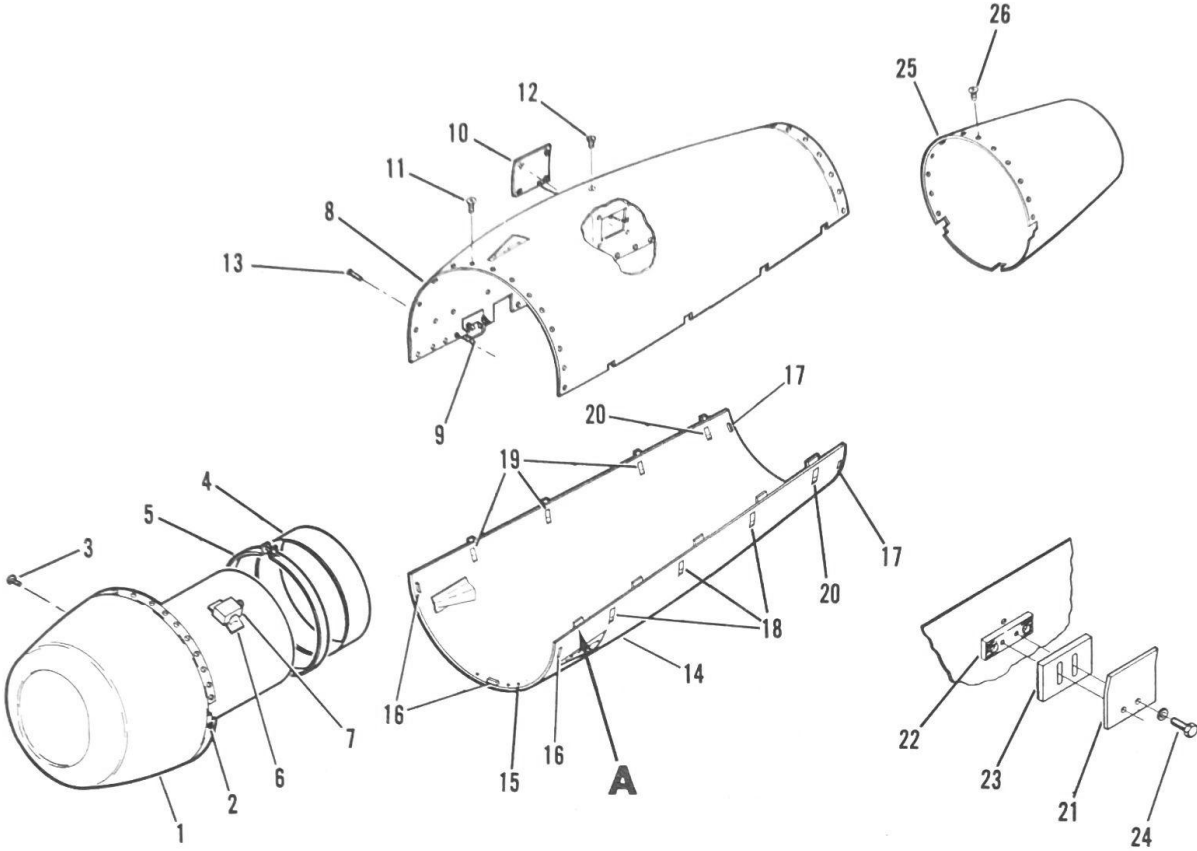


Detail A

Figure 48A. Pilot's Switch Panel Equipment Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
48A-		PILOTS SWITCH PANEL EQUIPMENT INSTL		A	
-1	7662K5	• PANEL ASSY-PILOTS SWITCH -----	1	A	
-2	8800K13	• • SWITCH ASSY-START GEN SW1 & SW2 -----	2	A	
-3	8801K13	• • SWITCH ASSY-AIR START -----	2	A	
-4	8801K13	• • SWITCH ASSY-BATTERY ON -----	1	A	
-5	PTL-AA1-9-327	• • SWITCH-ELEC HYD PUMP SW64 -----	1	A	
-6	PTL-AA1-9-327	• LAMP-FUSELAGE TANK FUEL DS7 -----	1	H	
-7	8810K12	• LAMP-REFUEL VALVE CLOSED DS5 -----	1	H	
-8	8858K45	• • SWITCH-CROSS FEED SW68 -----	1	H	
-9	8858K45	• • SWITCH-STANDBY FUEL PUMP LH SW67 -----	1	H	
-10	8801K13	• • SWITCH-STANDBY FUEL PUMP RH SW25 -----	1	H	
-11	8801K13	• • SWITCH-TIP TANK FUEL TRANSFER LH SW21 -----	1	H	
-12	8857K44	• • SWITCH-TIP TANK FUEL TRANSFER RH SW24 -----	1	H	
-13	8857K44	• • SWITCH-MAIN ENG FUEL PUMP LH SW22 -----	1	H	
		• • SWITCH-MAIN ENG FUEL PUMP RH SW23 -----	1	H	
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
48A-14	8824K8	• • SWITCH-FUSE TANK TRANSFER SW26 -----	1	H	
-15	8824K8	• • SWITCH-FUSE TANK FILL SW51 -----	1	H	
-16	8824K8	• • SWITCH ASSY-BLEED AIR SW29 & SW30 -----	2	A	
-17	8812K13	• • SWITCH ASSY-CABIN TEMP SW31 -----	1	A	
-18	8834K4	• • SWITCH-DEFOG SW85 -----	1	B	
	8810K12	• • SWITCH ASSY-COOLING SYS SW63 -----	1	C	
	8820K10	• • SWITCH ASSY-COOLING SYS SW63 -----	1	D	
-19	2318074-001	• • SWITCH-CABIN TEMP SEL R10 & SW33 -----	1	E	
	2318074-002	• • SWITCH-CABIN TEMP SEL R10 & SW33 -----	1	F	
-20	8800K13	• • SWITCH-INVERTER MAIN & STANDBY SW6 -----	1	A	
-21	8824K8	• • SWITCH-NACELLE HEAT SW41 & SW42 -----	2	A	
-22	8801K13	• • SWITCH-PITOT HEAT SW37 & SW38 -----	2	A	
-23	7662K5	• • SWITCH-PITCH TRIM SW11 -----	1	A	
-24	8801K13	• • SWITCH-NORMAL PITCH TRIM CUTOFF SW43 -----	1	A	
-25	8834K4	• • SWITCH-DEFOG SW85 -----	1	G	
-26	SEE FIGURE 1A	• • PLACARD-DEFOG OPERATION INSTRUCTIONS -----	1	A	
-27	8801K13	• • SWITCH ASSY-STROBE LIGHTS AND/OR BEACON LIGHTS -----	1	A	
-28	8824K8	• • SWITCH ASSY-NAV LIGHTS SW14 -----	1	A	
-29	8810K12	• • SWITCH ASSY-TAXI LIGHTS SW16 -----	1	A	
-30	8824K8	• • SWITCH ASSY-TAXI LIGHTS SW17 -----	1	A	
-31	XR5673	• • SWITCH-RHEOSTAT INSTRUMENT PANEL LIGHTS RS3 -----	1	A	
	70-2WD-2G	• • KNOB-SWITCH -----	1	A	
-32	XR4978	• • SWITCH-RHEOSTAT GLARESHIELD INST PNL FLOOD LTS RS1 -----	1	A	
	70-2WD-2G	• • KNOB-SWITCH -----	1	A	
-33	XR5624	• • SWITCH-RHEOSTAT RADIO PANEL LIGHTS -----	1	A	
	70-2WD-2G	• • KNOB-SWITCH -----	1	A	
-34	JJ-034	• • JACK-PHONE PILOT J65 -----	1	A	
-35	JWP-252	• • POTENTIOMETER-VOL CONTROL -----	1	A	
	A833-4A	• • KNOB-VOLUME CONTROL -----	1	A	
-36	JJ-033	• • JACK-MIKE PILOT INSULATED J67 -----	1	A	
-37	8858K45	• • SWITCH-AUTO PILOT MASTER -----	1	A	
A 003 THRU 014 EXCEPT A/C MOD PER ECR 233					
B 003 ONLY EXCEPT WHEN MOD PER ECR 233					
C 004 THRU 014 EXCEPT A/C MOD PER SK23-123A OR ECR 233					
D 004 THRU 014 WHEN MOD PER SK23-123A EXCEPT A/C MOD PER ECR 233					
E 003 THRU 014 EXCEPT A/C MOD PER SK23-169A OR ECR 233					
F 003 THRU 014 WHEN MOD PER SK23-169A EXCEPT A/C MOD PER ECR 233					
G 004 THRU 014 EXCEPT A/C MOD PER ECR 233					
H 003 THRU 014 EXCEPT A/C MOD PER ECR 233 OR ECR 392					
A---ATTACHING PARTS					



Detail A 7-4C  
A7-4C

Figure 49. Engine Nacelle Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
49 -		ENGINE NACELLE INSTALLATION			
-1		• NOSE CAP & AIR INTAKE ASSY LH OR RH FOR SPARES ORDER 2395004-002 SPECIAL SPARE KIT REF INDEX 100 -----	2	B	
	2395004-001	• NOSE CAP & AIR INTAKE ASSY LH OR RH FOR SPARES ORDER 2395004-001 SPECIAL SPARE KIT -----	2	C	
-2	244-160	• KIT-NOSE CAP & AIR INTAKE ASSY LH OR RH SPECIAL SPARE REF SSK904 INSTL INSTRUCTIONS -----	2	D	
-3	MS24694C50	• RECEPTACLE-LWR NACELLE ATTACHMENT -----	AR	A	
-4	2352030-001	• SCREW PYLON ATTACHMENT -----	10	A	
-5	2452007-001	• SEAL-INLET DUCT -----	2	A	
-6	NT12C-62-1625-SS	• CLAMP-SEAL -----	4	A	
-7	2352021-001	• CLAMP-SEAL ALT FOR 2452007-001 -----	4	A	
	831-0001	• BRACKET-ICE DETECTOR LH ONLY -----	1	D	
	AN3-17A	• DETECTOR-ICE LH ENGINE ONLY -----	1	D	
	AN4H3A	A • BOLT -----	2	D	
	AN960D10L	A • BOLT -----	2	D	
	AN960D416L	A • WASHER -----	2	D	
-8		A • WASHER -----	2	A	
	2395003-001	• NACELLE ASSY-UPPER LH FOR SPARES ORDER 2395003-001 UPPER NACELLE ASSY & 2395002-001 LOWER NACELLE ASSY SPECIAL SPARE KITS -----	1	E	
		• KIT-UPPER NACELLE ASSY LH SPECIAL SPARE REF SSK903 INSTL INSTRUCTIONS -----	1	F	
		• NACELLE ASSY-UPPER RH FOR SPARES ORDER 2395003-002 UPPER NACELLE ASSY & 2395002-001 LOWER NACELLE ASSY SPECIAL SPARE KITS -----	1	G	
		CONTINUED			
		A---ATTACHING PARTS			



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				1 2 3 4 5 6 7	THRU
49 -	2395003-002	• KIT-UPPER NACELLE ASSY RH SPECIAL SPARE REF SSK903 INSTL INSTRUCTIONS -----	1		H
	244-16D	• • RECEPTACLES-FASTENER LWR NACELLE FASTENERS -----	AR		J
-9	2352025-005	• • FASTENER-U BOLT INBD -----	AR		K
	2352025-001	• • FASTENER-U BOLT OUTBD -----	4		K
	MS20341-10S	A • • NUT-PLAIN -----	AR		K
	AN960C10	A • • WASHER -----	AR		K
	2352025-002	A • • SHIM OUTBD ONLY -----	4		K
	AN935-10	A • • WASHER-LOCK -----	AR		K
	MS20365-1032	A • • NUT -----	AR		K
-10	2352004-003	• • DOOR ASSY-OIL ACCESS -----	1		L
	2452004-037	• • DOOR ASSY-OIL ACCESS -----	1		M
	4002-3	• • • STUD ASSY -----	4		A
	4002-G	• • • GROMMET -----	4		A
	R4G	• • • RING-SNAP -----	4		L
	K4G-040	• • • RING-SNAP -----	4		M
	NO 2	• • • CABLE 12 INCHES LONG -----	1		A
	D-11206(2301)	• • • TERMINAL-CABLE -----	2		A
	244-16D	• • • RECEPTACLE -----	4		M
	244-16D	• • • RECEPTACLE -----	4		L
-11	MS24694C48	• SCREW NOSE CAP ATTACHMENT -----	AR		A
-12	MS24694C46	• SCREW ENG YOKE ATTACHMENT -----	3		A
-13	MS24694C48	• SCREW PYLON ATTACHMENT -----	AR		A
-14		• NACELLE ASSY-LOWER FOR SPARES ORDER 2395002-001 LOWER NACELLE & 2395003-001 LH OR -002 RH UPPER NACELLE ASSY SPECIAL SPARE KITS -----	2		N
	2395002-001	• KIT-LOWER NACELLE ASSY SPECIAL SPARE REF SSK902 INSTL INSTRUCTIONS -----	2		P
-15	4002-4	• • STUD ASSY -----	9		Q
	4002-3	• • STUD ASSY -----	4		R
	4002-G	• • GROMMET -----	AR		A
	R4G	• • RING-SNAP -----	AR		A
-16	H780	• • LATCH ASSY -----	3		R
-17	4002-4	• • STUD ASSY -----	5		S
	4002-3	• • STUD ASSY -----	5		T
	4002-G	• • GROMMET -----	5		Q
	R4G	• • RING-SNAP -----	5		Q
	H779-1	• • LATCH ASSY -----	3		U
	H779-3	• • LATCH ASSY INBD & OUTBD REAR -----	2		V
	H779-1	• • LATCH ASSY CENTER REAR -----	1		V
-18	4002-4	• • STUD ASSY -----	12		S
	4002-G	• • GROMMET -----	12		S
	R4G	• • RING-SNAP -----	12		S
	H772-5	• • LATCH ASSY -----	3		W
-19	4002-4	• • STUD ASSY -----	AR		Q
	4002-G	• • GROMMET -----	AR		Q
	R4G	• • RING-SNAP -----	AR		Q
	H772-5	• • LATCH ASSY -----	AR		W
-20	H773-5	• • LATCH ASSY -----	2		W
-21	2352005-017	• • CLIP-ALIGNMENT -----	AR		U
	2452008-008	• • CLIP-ALIGNMENT ADJUSTABLE -----	AR		P
-22	2452008-003	• • SPACER-CLIP ADJUSTABLE -----	AR		P
	2452008-004	• • SPACER-CLIP ADJUSTABLE -----	AR		P
-23	2452008-002	• • SPACER-CLIP ADJUSTABLE -----	AR		P
-24	AN3H3A	A • • BOLT -----	AR		P
	AN960D10	A • • WASHER -----	AR		P
-25		• NACELLE ASSY-REAR FOR SPARES ORDER 2395001-001 SPECIAL SPARE KIT -----	2		X
	2395001-001	• KIT-REAR NACELLE ASSY SPECIAL SPARE REF SSK901 INSTL INSTRUCTIONS -----	2		Y
	244-16D	• • RECEPTACLE -----	5		Q
	MS24694C48	• SCREW -----	24		A
-100	2395004-002	• KIT-NOSE CAP & AIR INTAKE ASSY LH & RH SPECIAL SPARE SEE NOTE 1 -----	1		Z
	SEE FIGURE 51 SEE FIGURE 52	• • TUBE ASSY-AIR INLET -----	REF		AA
	NOTE 1	COMPONENTS OF THIS KIT ARE MARKED BY AN ASTERISK (*) ON THIS FIGURE FOR REPLACE- MENT OF BOTH LH & RH ASSEMBLIES PER SSK904 INSTALLATION INSTRUCTIONS			
	A	003 & ON			
	B	003 THRU 079 EXCEPT A/C THAT HAVE INSTALLED 2395004-002 SPECIAL SPARE KIT CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
49 -		1 2 3 4 5 6 7			
	C	PER SSK904			
	D	080 & ON EXCEPT A/C THAT HAVE INSTALLED 2395004-001 SPECIAL SPARE KIT PER SSK904			
	E	003 THRU 079 WHEN 2395004-002 SPECIAL SPARE KIT HAS BEEN INSTALLED PER SSK904			
	F	& 080 & ON WHEN 2395004-001 SPECIAL SPARE KIT HAS BEEN INSTALLED PER SSK904			
	G	003 & ON EXCEPT A/C THAT HAVE INSTALLED 2395003-001 SPECIAL SPARE KIT PER SSK903			
	H	003 & ON WHEN 2395003-001 SPECIAL SPARE KIT HAS BEEN INSTALLED PER SSK903			
	J	003 & ON EXCEPT A/C THAT HAVE INSTALLED 2395003-002 SPECIAL SPARE KIT PER SSK903			
	K	003 & ON WHEN 2395003-002 SPECIAL SPARE KIT HAS BEEN INSTALLED PER SSK903			
	L	003 THRU 069 EXCEPT A/C THAT HAVE INSTALLED 2395003-001 OR -002 SPECIAL SPARE KITS PER SSK903			
	M	070 & ON & A/C THAT HAVE INSTALLED 2395003-001 OR -002 SPECIAL SPARE KIT PER SSK903			
	N	003 & ON EXCEPT A/C MOD PER ECR 736 & EXCEPT A/C THAT HAVE INSTALLED 2395003- 001 OR -002 SPECIAL SPARE KITS PER SSK903			
	P	040 & ON WHEN MOD PER ECR 736 & 003 & ON WHEN 2395003-001 OR -002 SPECIAL SPARE KIT IS INSTALLED PER SSK903			
	Q	003 & ON EXCEPT A/C THAT HAVE INSTALLED 2395002-001 SPECIAL SPARE KIT PER SSK902			
	R	003 & ON WHEN 2395002-001 SPECIAL SPARE KIT HAS BEEN INSTALLED PER SSK902			
	S	003 THRU 069			
	T	070 & ON			
	U	003 THRU 069 EXCEPT A/C THAT HAVE INSTALLED 2395002-001 SPECIAL SPARE KIT PER SSK902			
	V	003 THRU 069 WHEN 2395002-001 SPECIAL SPARE KIT HAS BEEN INSTALLED PER SSK902			
	W	070 & ON EXCEPT A/C THAT HAVE INSTALLED 2395002-001 SPECIAL SPARE KIT PER SSK902			
	X	070 & ON WHEN 2395002-001 SPECIAL SPARE KIT HAS BEEN INSTALLED PER SSK902			
	Y	070 & ON & A/C THAT HAVE INSTALLED 2395002-001 SPECIAL SPARE KIT PER SSK902			
	Z	003 & ON EXCEPT A/C THAT HAVE INSTALLED 2395001-001 SPECIAL SPARE KIT PER SSK901			
	AA	003 & ON WHEN 2395001-001 SPECIAL SPARE KIT HAS BEEN INSTALLED PER SSK901			
		003 THRU 079 EXCEPT A/C THAT HAVE INSTALLED 2395004-001 SPECIAL SPARE KIT PER SSK904			
		SEE REF FIGURE FOR USAGE			
		A---ATTACHING PARTS			

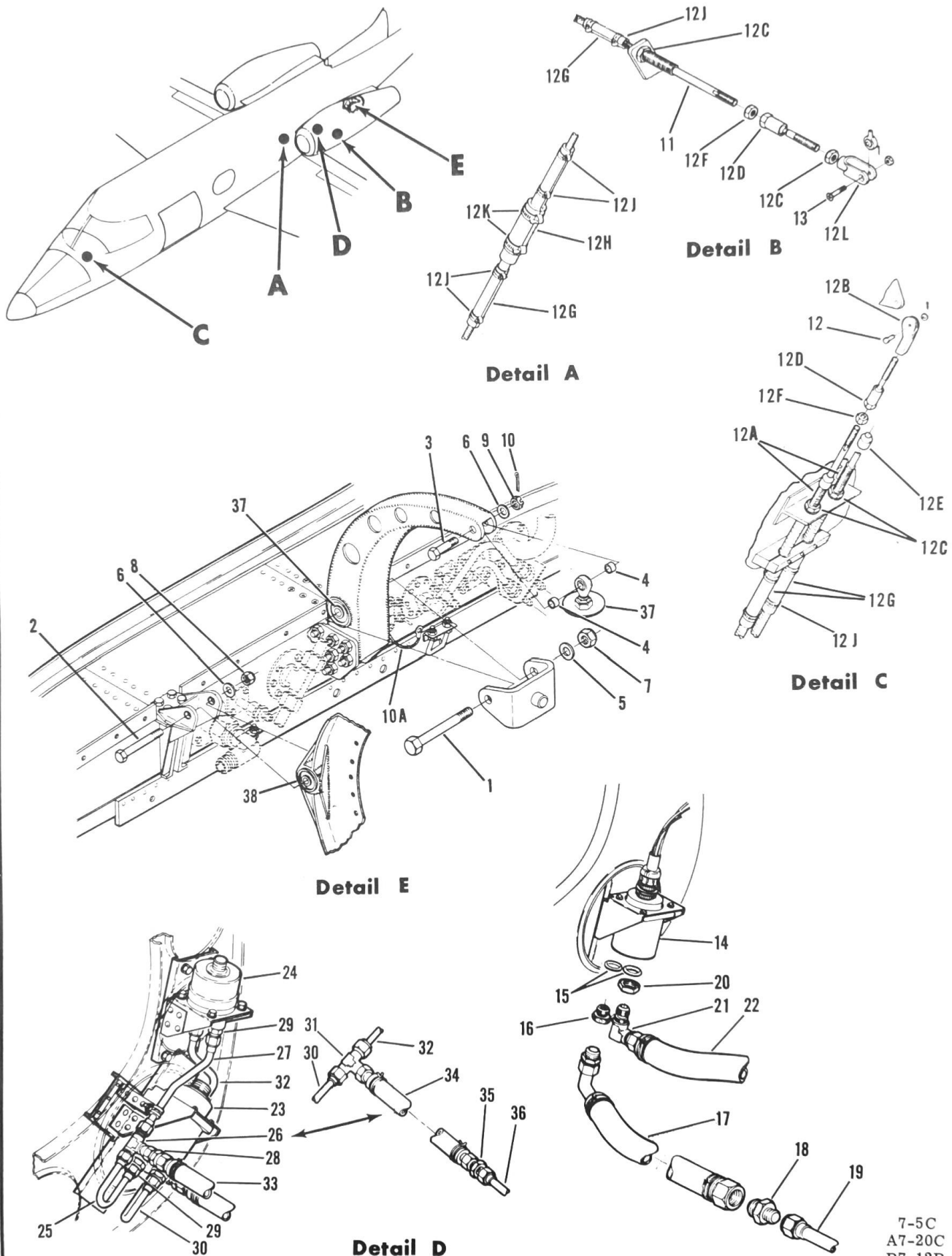


FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
50 -		ENGINE INSTALLATION LH -----	1		
		ENGINE INSTALLATION RH -----	1		
	SEE FIGURE 51	• ENGINE ASSEMBLY -----	1		029
	SEE FIGURE 52	• ENGINE ASSEMBLY -----	1	030	
-1	NAS464P8A68	A • BOLT -----	1		
-2	NAS464-6A37	A • BOLT -----	1		
	NAS464P6A39	A • BOLT -----	1	070	069
-3	NAS464P6L20	A • BOLT -----	1		
-4	NAS43HT6-16	A • SPACER -----	2		
-5	AN960C816L	A • WASHER -----	1		
-6	AN960C616L	A • WASHER -----	2		
-7	MS20364-820C	A • NUT -----	1		
-8	MS20364-624	A • NUT -----	1		
-9	AN320-6	A • NUT -----	1		
-10	MS24665-285	A • PIN-COTTER -----	1		
-10A	MS25083-2CC4	• JUMPER-BOND -----	1	090	
-11	2300003-039	• CABLE ASSEMBLY-THROTTLE LH -----	1	C	
	2300003-133	• CABLE ASSEMBLY-THROTTLE -----	1	D	
	2300003-134	• CABLE ASSEMBLY-THROTTLE LH FOR -----	1		
		SPARES USE 2300003-148 -----	1	V	
	2300003-148	• CABLE ASSEMBLY-THROTTLE LH -----	1	F	
	2381341-002	• CABLE ASSEMBLY-THROTTLE LH -----	1	W	
	2300003-161	• CABLE ASSEMBLY-THROTTLE LH -----	1	X	
	2300003-213	• CABLE ASSEMBLY-THROTTLE FORWARD LH -----	1	AC	
	2481050-005	• CABLE ASSEMBLY-THROTTLE AFT LH -----	1	Y	
	2300003-214	• CABLE ASSEMBLY-THROTTLE AFT LH -----	1	Z	
	2300003-040	• CABLE ASSEMBLY-THROTTLE RH -----	1	C	
	2300003-133	• CABLE ASSEMBLY-THROTTLE RH -----	1	D	
	2300003-133	• CABLE ASSEMBLY-THROTTLE RH FOR -----	1		
		SPARES USE 2300003-148 -----	1	J	
	2300003-148	• CABLE ASSEMBLY-THROTTLE RH -----	1	K	
	2300003-162	• CABLE ASSEMBLY-THROTTLE RH -----	1	AA	
	2300003-213	• CABLE ASSEMBLY-THROTTLE FORWARD RH -----	1	AC	
	2481050-004	• CABLE ASSEMBLY-THROTTLE AFT RH -----	1	Y	
	2300003-215	• CABLE ASSEMBLY-THROTTLE AFT RH -----	1	Z	
-12	MS20392-2C15	A • PIN-CLEVIS -----	2	AA	
	MS20392-2C13	A • PIN-CLEVIS -----	2	AC	
	AN960D10L	A • WASHER -----	2	AA	
	AN960-10L	A • WASHER -----	2	AC	
	MS24665-208	A • PIN-COTTER -----	2		
-12A	6600046-003	• CABLE ASSEMBLY-LH -----	1	AD	
	6600072-001	• CABLE ASSEMBLY-LH -----	1	AE	
	6600076-001	• CABLE ASSEMBLY-LH -----	1	AF	
	6600089-001	• CABLE ASSEMBLY-LH -----	1	AG	
	6600105-002	• CABLE ASSEMBLY-LH -----	1	AH	
	6600105-001	• CABLE ASSEMBLY-LH -----	1	AJ	
	6600151-001	• CABLE ASSEMBLY-FORWARD LH -----	1	AK	
	6600151-007	• CABLE ASSEMBLY-AFT LH -----	1	AL	
	6600151-002	• CABLE ASSEMBLY-AFT LH -----	1	AM	
	6600046-002	• CABLE ASSEMBLY-RH -----	1	AN	
	6600072-001	• CABLE ASSEMBLY-RH -----	1	AE	
	6600089-001	• CABLE ASSEMBLY-RH -----	1	AG	
	6600106-001	• CABLE ASSEMBLY-RH -----	1	AP	
	6600151-001	• CABLE ASSEMBLY-FORWARD RH -----	1	AK	
	6600151-008	• CABLE ASSEMBLY-AFT RH -----	1	AQ	
	6600151-003	• CABLE ASSEMBLY-AFT RH -----	1	AR	
-12B	RA-13-187-1	• YOKE PEDESTAL END -----	1	AS	
	2351066-001	• TERMINAL PEDESTAL END -----	1		
		WHEN EXHAUSTED USE 2451022-002 -----	1	AC	
-12C	2451022-002	• TERMINAL PEDESTAL END -----	1	AU	
	AN315-3R	• NUT-JAMB -----	1	AS	
	NAS509-4	• NUT-JAMB -----	1	AC	
-12D	111-B-0100	• CONNECTOR-BALL JOINT -----	1	AC	
-12E	21X-B-0093	• NUT-SEAL PEDESTAL END -----	1	AC	
-12F	NAS509-7	• NUT-JAMB -----	4	AC	
	AN936A716	• WASHER -----	4	AC	
-12G	2415010-001	• SUPPORT HALF-REMOVABLE EXTERNAL CABLE -----	6	AC	
-12H	2415011-001	• SUPPORT HALF-REMOVABLE CABLE CONNECTOR -----	2	AC	
-12J	6203	A • CLAMP-CABLE SUPPORT -----	8	AC	
-12K	AN737TW38	A • CLAMP-CABLE CONNECTOR SUPPORT -----	2	AC	
-12L	2351021-001	• FORK END ASSEMBLY -----	1	M	
	2351044-001	• FORK END ASSEMBLY -----	1	N	
	2351044-004	• FORK END ASSEMBLY FOR SPARES USE -----	1		
		2451016-001 & CABLE ATTACHING -----			
		HARDWARE NAS333CP6 BOLT, AN960-10L -----			
		WASHER & AN310-3 NUT -----	1	AC	
	2451016-001	• CLEVIS END -----	1	AT	
-13	AN3-10	A • BOLT -----	1	P	
	NAS333CP6	A • BOLT -----	1	Q	
	AN960-10L	A • WASHER -----	1	P	
	AN310-3	A • NUT -----	1	P	
		CONTINUED			
		A---ATTACHING PARTS			

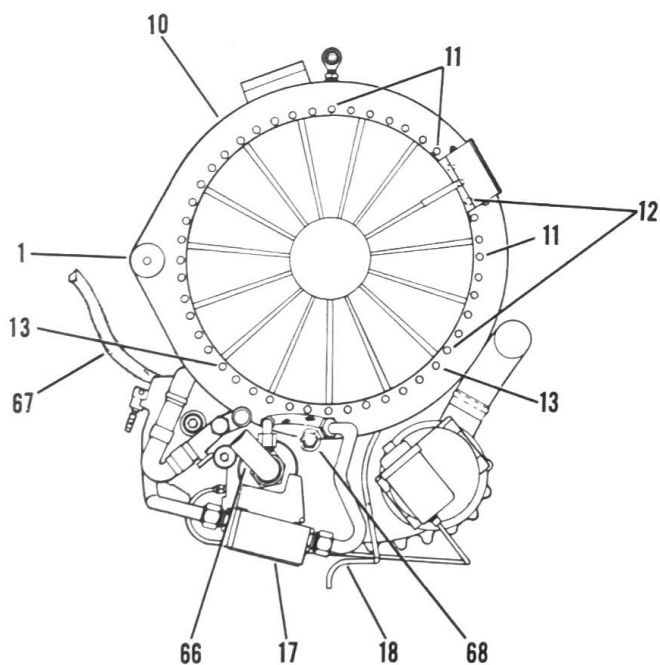
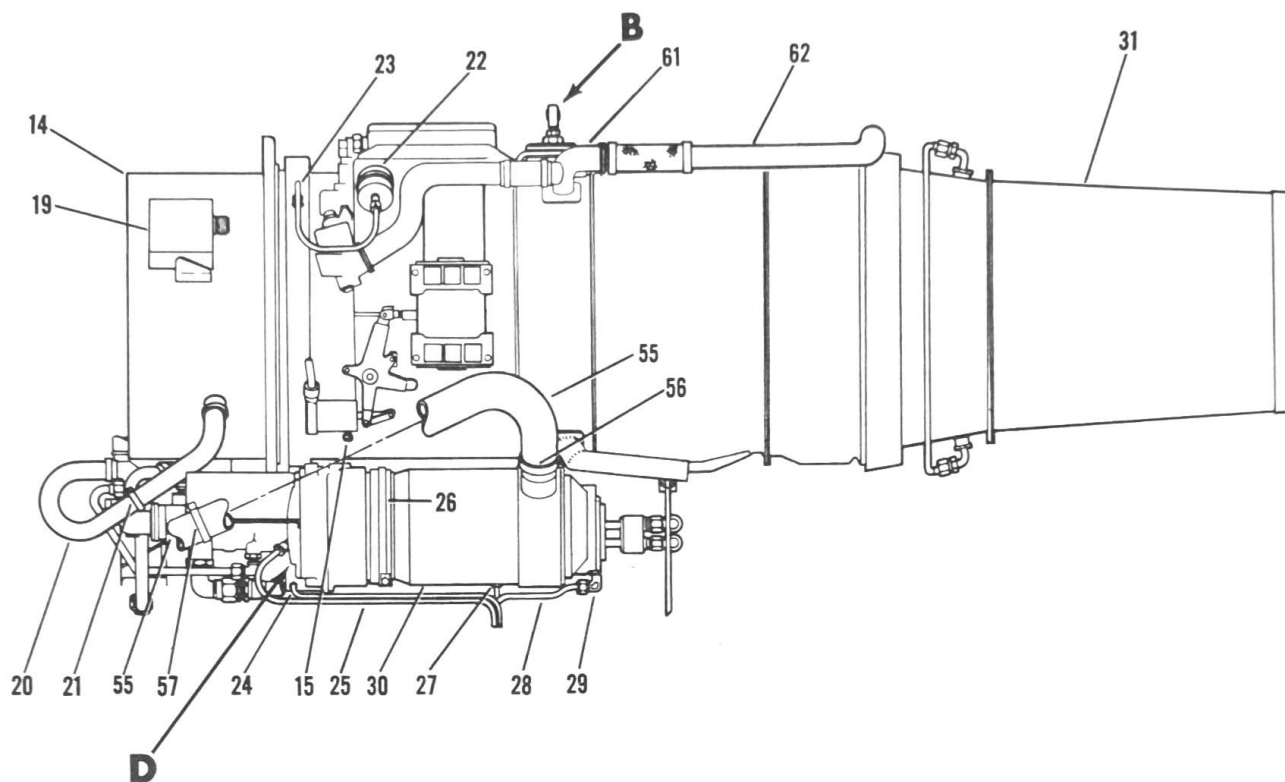
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
50 -	AN320-3	A . NUT -----	1	Q	
		. TRANSMITTER INSTL-ENG OIL PRESS LH -----	1	R	
		. TRANSMITTER INSTL-ENG OIL PRESS RH -----	1	R	
-14	MS28005-3	. TRANSMITTER-OIL PRESSURE MT9,MT10 -----	1	R	
	S-410-1	. TRANSMITTER-OIL PRESS ALT MT9,MT10 -----	1	R	
	AN515PB6R8	A . SCREW -----	4	R	
	AN960D6	A . WASHER -----	4	R	
-15	NAS617-4	. GASKET-O RING -----	2	R	
-16	2317061-001	. PLUG ASSY -----	1	A	
	AN815-4	. UNION LH INSTL ONLY -----	1	S	
	AN815-4	. UNION -----	1	B	
	AN919-3	. REDUCER-OIL PRESS TRANSMITTER VENT -----	1	T	
-17	624023-4-0324	. HOSE ASSY-VENT LH INSTL ONLY -----	1	S	
	624023-4-03224	. HOSE ASSY-VENT -----	1	B	
	225-624036G0380	. HOSE ASSY-VENT -----	1	T	
-18	AN919-3	. REDUCER LH INSTL ONLY -----	1	S	
	AN919-3	. REDUCER -----	1	B	
-19	2355115-537-1	. TUBE ASSEMBLY-VENT LH INSTL ONLY -----	1	S	
	2355115-537-1	. TUBE ASSEMBLY-VENT -----	1	B	
-20	AN924-4	. NUT -----	1	R	
-21	AN833-4	. ELBOW-OIL PRESSURE LINE -----	1	U	
	2355116-001	. SNUBBER-OIL PRESSURE -----	1	E	
-22	624023-4-0220	. HOSE ASSEMBLY-OIL PRESSURE -----	1	U	
	624023-4-0324	. HOSE ASSEMBLY-OIL PRESSURE -----	1	E	
		. TRANSMITTER INSTL-ENG OIL PRESS LH -----	1	L	
		. TRANSMITTER INSTL-ENG OIL PRESS RH -----	1	L	
-23	MS28005-3	. TRANSMITTER-OIL PRESSURE MT9,MT10 -----	1	L	
	S-410-1	. TRANSMITTER-OIL PRESS ALT MT9,MT10 -----	1	L	
	AN515C6R8	A . SCREW -----	4	L	
	AN960PD6	A . WASHER -----	4	L	
-24	42D164	. SWITCH-ENGINE OIL PRESSURE DIFF LSW37,LSW38 -----	1	L	
	AN3-3A	A . BOLT -----	4	L	
	AN960PD10	A . WASHER -----	4	L	
	MS20365-1032	A . NUT -----	4	L	
-25	2355122-014	. TUBE ASSEMBLY-VENT -----	1	L	
-26	C5707X4	. TEE -----	1	L	
	4S68X-S	. TEE ALT FOR C5707X4 -----	1	L	
-27	2355122-016	. TUBE ASSEMBLY-VENT -----	1	L	
-28	AN919-3	. REDUCER -----	1	L	
-29	AN815-4	. UNION -----	4	L	
	NAS617-4	. GASKET-O RING -----	4	L	
-30	2355122-010	. TUBE ASSEMBLY-OIL PRESSURE -----	1	L	
-31	AN824-4	. TEE -----	1	L	
-32	2355122-012	. TUBE ASSEMBLY-OIL PRESSURE -----	1	L	
-33	624023-5-0360	. HOSE ASSEMBLY-VENT -----	1	L	
-34	624023-4-0220	. HOSE ASSEMBLY-OIL PRESSURE -----	1	G	
	624000-4-0310	. HOSE ASSEMBLY-OIL PRESSURE -----	1	H	
-35	2355111-001	. SNUBBER-OIL PRESSURE -----	1	L	
-36	2355121-015	. TUBE ASSEMBLY-OIL PRESSURE -----	1	L	
	LM308H	. KIT-ENGINE SOFT MOUNTS -----	1		
-37	SEE FIGURE 51	. MOUNT-ENGINE -----	REF		
	SEE FIGURE 52	. MOUNT-ENGINE -----	REF		
-38	LM308-33	. MOUNT-ENGINE LWR REAR -----	1		
		A 002 THRU 048 & 050 EXCEPT A/C MOD PER SK23-216, ECR 233 OR ECR 230			
		B 050A THRU 069 EXCEPT A/C MOD PER ECR 230			
		C 003 THRU 014 EXCEPT A/C MOD PER ECR 233 OR EQUIPPED WITH CONTROLEX THROTTLE CONTROL CABLES			
		D 015 THRU 029 EXCEPT A/C MOD PER ECR 233 ECR 277 OR ECR 381 OR EQUIPPED WITH CONTROLEX THROTTLE CONTROL CABLES			
		E 030 & ON EXCEPT A/C MOD PER ECR 233, ECR 230 OR ECR 227			
		F 046 ONLY			
		G 003 THRU 029 WHEN MOD PER ECR 233 ECR 277 OR ECR 381			
		H 030 & ON WHEN MOD PER ECR 233, ECR 230 OR ECR 227			
		J 030 THRU 054 EXCEPT A/C MOD PER ECR 233 OR ECR 230 OR EQUIPPED WITH CONTROLEX THROTTLE CONTROL CABLES			
		K 055 & ON EXCEPT A/C MOD PER ECR 230 OR ECR 227 OR EQUIPPED WITH CONTROLEX THROTTLE CONTROL CABLES			
		L 003 & ON WHEN MOD PER ECR 233, ECR 230 ECR 227, ECR 277 OR ECR 381			
		M 003 THRU 010 EXCEPT A/C MOD PER ECR 233 CONTINUED			
		A---ATTACHING PARTS			

029  
030

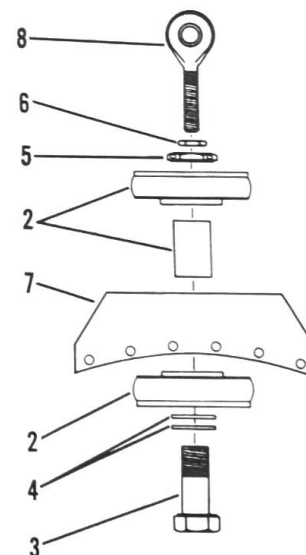
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
50 -		OR WHEN EQUIPPED WITH CONTROLEX THROTTLE CONTROL CABLES			
	N	011 & ON & A/C MOD PER ECR 233 EXCEPT WHEN EQUIPPED WITH CONTROLEX THROTTLE CONTROL CABLES			
	P	USED WHEN 2351021-001 OR 2351044-001 FORK END IS INSTALLED			
	Q	USED WHEN 2451016-001 CLEVIS END IS INSTALLED			
	R	003 & ON EXCEPT A/C MOD PER ECR 233, ECR 230 OR ECR 227			
	S	049 EXCEPT A/C MOD PER SK23-216 OR ECR 230			
	T	070 & ON & A/C MOD PER SK23-216 EXCEPT A/C MOD PER ECR 227			
	U	003 THRU 029 EXCEPT A/C MOD PER ECR 233 ECR 277 OR ECR 381			
	V	030 & ON EXCEPT 046 & A/C MOD PER ECR 233, ECR 230 OR ECR 227 OR EQUIPPED WITH CONTROLEX THROTTLE CABLES			
	W	003 THRU 029 WHEN MOD PER ECR 233, ECR 277 OR ECR 381 EXCEPT WHEN EQUIPPED WITH CONTROLEX THROTTLE CONTROL CABLES			
	X	030 & ON WHEN MOD PER ECR 233, ECR 230 OR ECR 227 EXCEPT WHEN EQUIPPED WITH CONTROLEX THROTTLE CONTROL CABLES			
	Y	003 THRU 029 WHEN EQUIPPED WITH CONTROLEX THROTTLE CONTROL CABLES THAT HAVE REMOVABLE EXTERNAL CABLE SUPPORTS			
	Z	030 & ON WHEN EQUIPPED WITH CONTROLEX THROTTLE CONTROL CABLES THAT HAVE REMOVABLE EXTERNAL CABLE SUPPORTS			
	AA	003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 277 OR ECR 381 EXCEPT WHEN EQUIPPED WITH CONTROLEX THROTTLE CONTROL CABLES			
	AC	003 & ON WHEN EQUIPPED WITH CONTROLEX THROTTLE CONTROL CABLES THAT HAVE REMOVABLE EXTERNAL CABLE SUPPORTS			
	AD	USED ON 2300003-039 CABLE ASSY			
	AE	USED ON 2300003-133 CABLE ASSY			
	AF	USED ON 2300003-134 CABLE ASSY			
	AG	USED ON 2300003-148 CABLE ASSY			
	AH	USED ON 2381341-002 CABLE ASSY			
	AJ	USED ON 2300003-161 CABLE ASSY			
	AK	USED ON 2300003-213 CABLE ASSY			
	AL	USED ON 2481050-005 CABLE ASSY			
	AM	USED ON 2300003-214 CABLE ASSY			
	AN	USED ON 2300003-040 CABLE ASSY			
	AP	USED ON 2300003-162 CABLE ASSY			
	AQ	USED ON 2481050-004 CABLE ASSY			
	AR	USED ON 2300003-215 CABLE ASSY			
	AS	003 & ON EXCEPT A/C EQUIPPED WITH CONTROLEX THROTTLE CONTROL CABLES			
	AT	003 & ON WHEN EQUIPPED WITH CONTROLEX THROTTLE CONTROL CABLES			
	AU	SPARE FOR 2351066-001			
		A---ATTACHING PARTS			



LEFT SIDE VIEW OF ENGINE



FRONT VIEW OF ENGINE



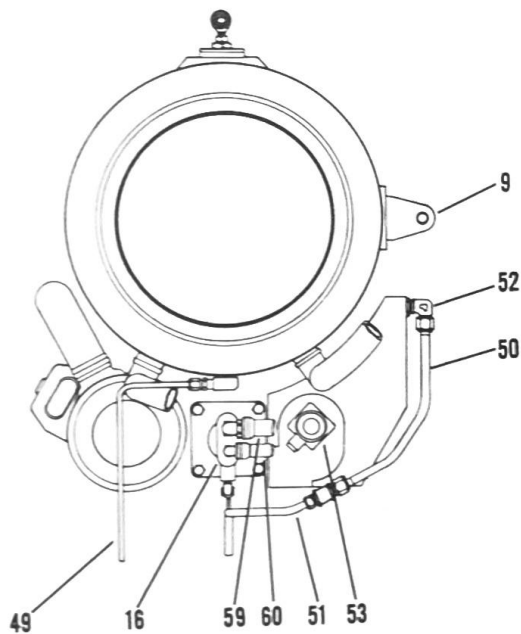
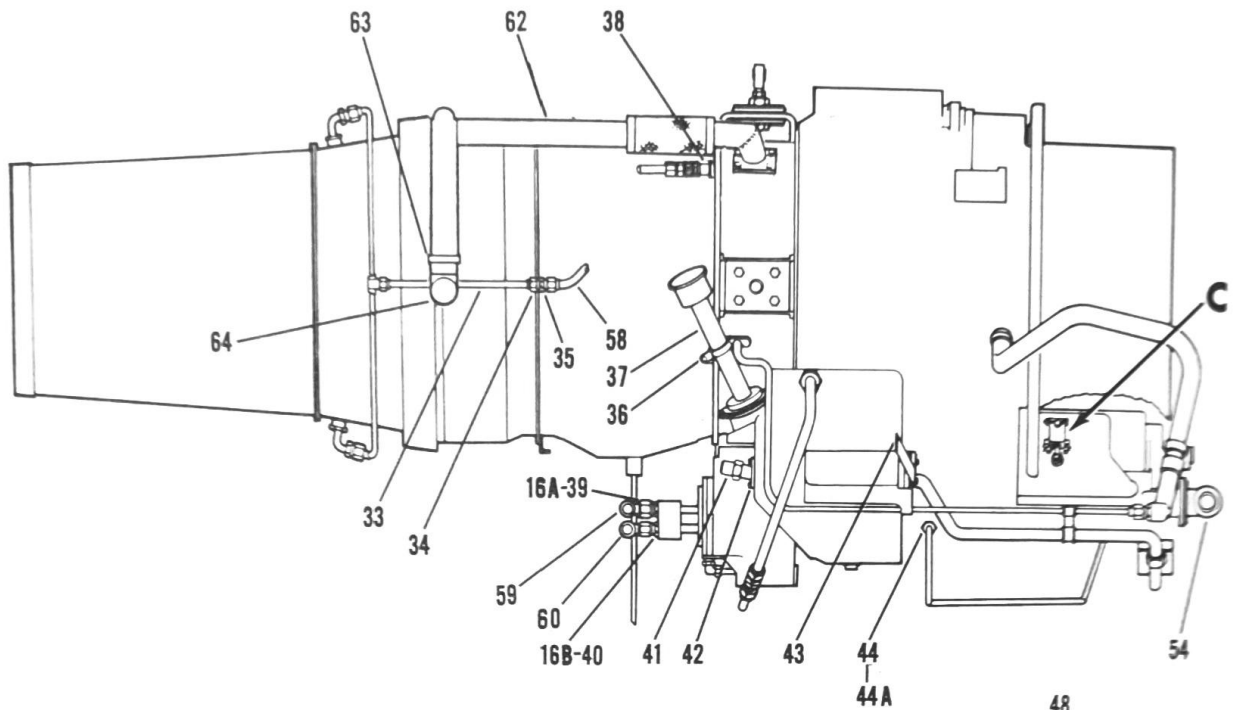
Detail B

7-1C  
7-1C-1  
7-3B  
B7-6A

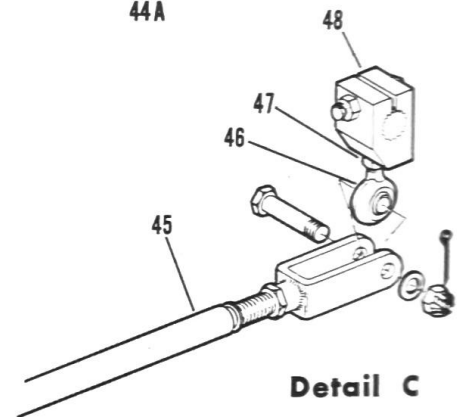
Figure 51. Engine Assembly (Sheet 1 of 2)



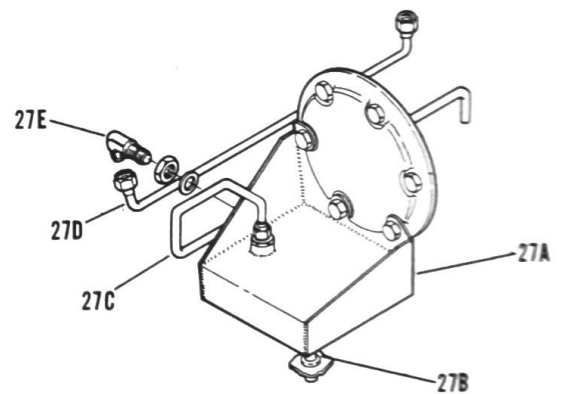
## RIGHT SIDE VIEW OF ENGINE



## REAR VIEW OF ENGINE



## Detail C



## Detail D

7-1C  
7-1C-1  
7-3B  
D7-29B

Figure 51. Engine Assembly (Sheet 2 of 2)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
51 -		ENGINE ASSEMBLY LH -----	1		029
		ENGINE ASSEMBLY RH -----	1		029
		• ENGINE SEE GE MANUAL SEI-137 -----	1		029
		• KIT-ENGINE SOFT MOUNTS -----	REF		029
-1	CJ610-1	• • MOUNT-ENGINE FWD -----	1		029
-2	LM308-19	• • MOUNT ASSY-ENGINE UPPER MAIN -----	1		029
	LM308-SA4	• • • MOUNT-TOP HALF -----	1		029
	LM308-21	• • • MOUNT-BOTTOM HALF -----	1		029
	LM308-22	• • • SLEEVE-MOUNT -----	1		029
	LM308-23	• • MOUNT-ENGINE LWR REAR -----	REF		029
	SEE FIGURE 50	• BOLT -----	1		029
-3	2351032-006	• WASHER -----	2		029
-4	AN960-1016	• NUT -----	1		029
-5	2351032-008	• NUT-LOCK -----	1		029
-6	2351032-007	• PAD-ENGINE MOUNTING UPPER -----	1		029
-7	2351031-003	A • BOLT -----	10		029
	MS9033-10	A • NUT -----	8		029
	MS21043-3	• ROD END-ENGINE MOUNTING -----	1		029
-8	REM-6TH	• PLATE ASSEMBLY-ENGINE SHOCK MOUNT			
-9	2351014-004	FOR SPARES USE 2451004-001 & 2451006-002 -----	1		029
	2451004-001	• MOUNT ASSY-ENGINE SHOCK -----	1		029
	2451006-002	• RETAINER-ENGINE MOUNT PIN -----	1		029
	AN4H6A	A • BOLT -----	4		029
	NAS1304-7H	• BOLT USE WITH 2451004-001 -----	4		029
	AN960-416L	A • WASHER -----	4		029
-10	2351002-001	• SUPPORT ASSY-FRONT RING FOR SPARES USE 2451002-001 -----	1		029
	2451002-001	• SUPPORT ASSY-FRONT RING -----	1		029
-11	MS9033-08	A • BOLT -----	3		029
-12	MS9033-08	A • BOLT-LH ENGINE ONLY -----	2		029
-13	MS9060-06	A • BOLT-LOWER SEGMENT OF FRONT SUPT RING -----	13		029
	MS9033-07	A • BOLT -----	27		029
-14	2352001-029	• TUBE ASSEMBLY-AIR INTAKE LH -----	1	J	
	2381251-011	• TUBE ASSEMBLY-AIR INTAKE LH -----	1	AD	
	2381251-014	• TUBE ASSEMBLY-AIR INTAKE LH -----	1	AE	
	2352001-041	• TUBE ASSEMBLY-AIR INTAKE RH -----	1	J	
	2381251-010	• TUBE ASSEMBLY-AIR INTAKE RH -----	1	K	
	2352019-002	• TUBE ASSY-AIR INTAKE -----	2	AF	
-15	AN806-C4	• PLUG -----	1		029
	NAS617-4	• GASKET-O RING PLUG -----	1		029
-16	6600010-002	• PUMP ASSY-ENGINE DRIVEN HYDRAULIC USE VENDOR NO 1215-HBG-262 -----			
	1215-HBG-262	• PUMP ASSY-ENGINE DRIVEN HYDRAULIC REF SPEC CONTROL DWG 6600010-002 FOR SPARES COMPLY WITH SK23-175 -----	1	M	
	2317087-002	• PUMP & ADAPTER ASSY-ENGINE DRIVEN HYD WHEN EXHAUSTED USE 2317087-010 -----	1	Q	
	2317087-010	• PUMP & ADAPTER ASSY-ENGINE DRIVEN HYD -----	1	Q	
	2317087-005	• PUMP & ADAPTER ASSY-ENGINE DRIVEN HYD -----	1	P	
	AN4044-1	A • GASKET-ENGINE & PUMP SEALING -----	1	L	
	AN9600516	A • WASHER -----	4		029
	MS20365-524	A • NUT -----	4		029
	2397001-001	• • KIT-SEAL -----	1	AG	
	2397001-002	• • KIT-SEAL -----	1	AH	
	AN919-7C	• • REDUCER-HYDRAULIC PRESSURE PORT -----	1	F	
	2317087-004	• • REDUCER-HYDRAULIC SUCTION PORT -----	1	F	
	MS28778-5	• • PACKING-O RING REDUCER -----	2	F	
-16A	AN919-7C	• • REDUCER-HYDRAULIC SUCTION -----	1	Q	
-16B	2317087-004	• • REDUCER-HYDRAULIC PRESSURE -----	1	Q	
	AN919-11C	• • REDUCER-HYDRAULIC PRESSURE -----	1	P	
	MS28778-5	• • PACKING-O RING REDUCER -----	2	L	
-17	9136-56-A1	• FLOWMETER-ENGINE FUEL -----	1	G	
	6600097-001	• FLOWMETER-ENGINE FUEL USE VENDOR ASSY NO 1/2-1026 -----			
	1/2-1026	A • FLOWMETER-ENGINE FUEL REF SPEC CONTROL DWG 6600097-001 WHEN EXHAUSTED USE 898-1 -----	1	H	
	6600097-003	• FLOWMETER-ENGINE FUEL USE VENDOR ASSY NO 898-1 -----			
	898-1	• FLOWMETER-ENGINE FUEL REF SPEC CONTROL DWG 6600097-003 -----	1	H	
	MS29512-10	A • GASKET-O RING ADAPTER -----	2	H	
	MS29513-130	A • GASKET-O RING ADAPTER -----	2	G	
	MS9033-16	A • BOLT -----	8	H	
	MS9358-09	A • NUT -----	8	H	
	R1158P003A	A • NUT ALT FOR MS9358-09 -----	8	H	
	MS21900-10	• ADAPTER-FLOWMETER -----	1	G	
	2381223-001	• ADAPTER-FLOWMETER -----	1	H	
-18	2351023-002	• TUBE ASSEMBLY-BEARING DRAIN FRONT -----	1		029
-19	831-0001	• DETECTOR-ICE LH ENGINE ONLY -----			
		CONTINUED			
		A---ATTACHING PARTS			

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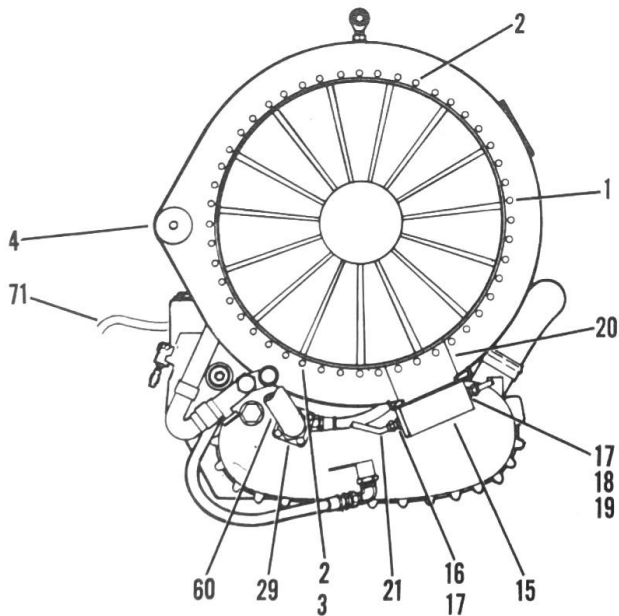
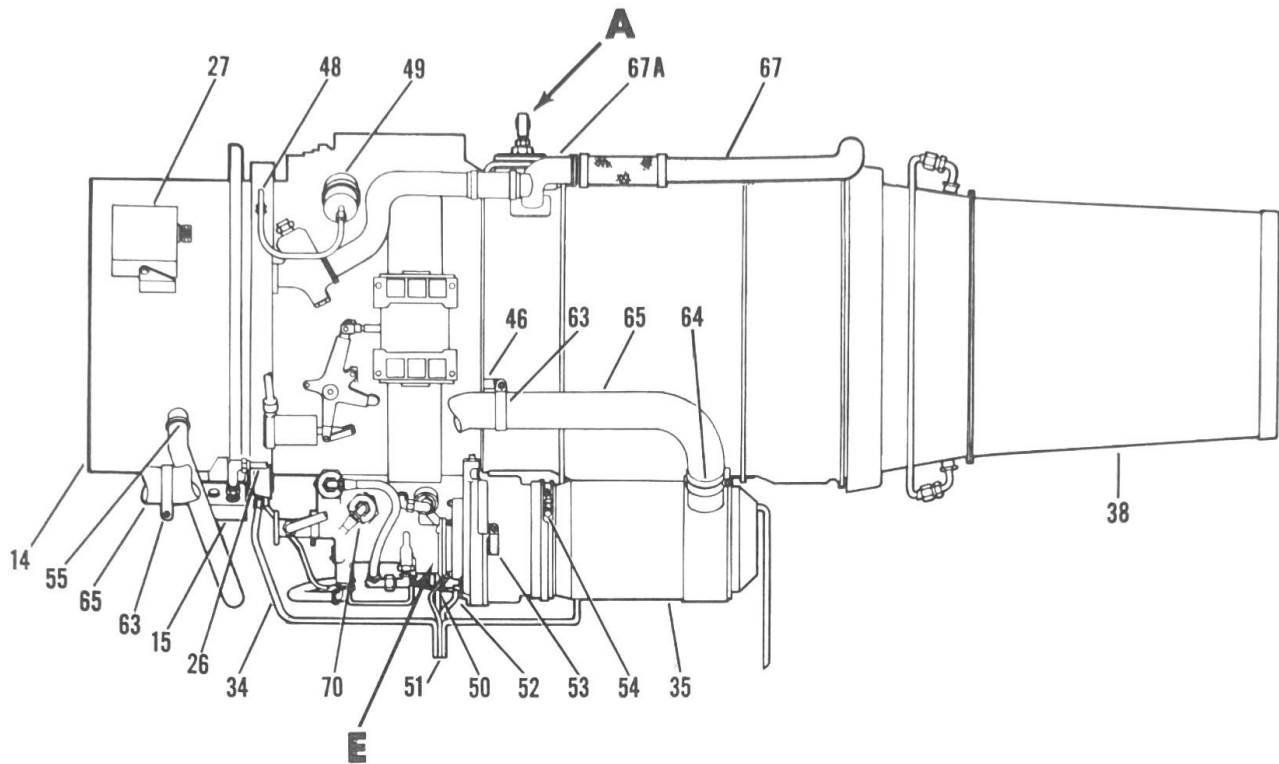
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
51 -		MT 38 -----			
	AN3-17A	A . BOLT -----	1		029
	AN4H4A	A . BOLT -----	2	K	
	AN4H3A	A . BOLT -----	2	K	
	AN960D10L	A . WASHER -----	4	K	
	AN960D416L	A . WASHER -----	2	Y	
-20	CEET-4-25	• DUCT-ENGINE ASPIRATOR -----	1		029
	AN737TW38	A . CLAMP -----	1		029
-21	MS21919WDG19	• CLAMP-DUCT SUPPORT -----	2		029
	MS21919WDG9	• CLAMP-DUCT SUPPORT -----	1		029
-22	GP8060-70	• SWITCH-PRESSURE ANTI-ICE PSW11 & PSW12 -----	1		029
	P46D-13	• SWITCH-PRESSURE ALTERNATE FOR GP8060-70 -----	1		029
	MS21919WDG31	A . CLAMP -----	1		029
-23	2351023-014	• TUBE ASSEMBLY ANTI-ICE SWITCH -----	1		029
	090M666304F0046	• HOSE ASSEMBLY ANTI ICE SWITCH -----	1	R	
-24	2351023-012	• TUBE ASSY-OVERSPEED GOVERNOR DRAIN -----	1	S	
-25	2351023-001	• TUBE ASSEMBLY-FUEL CONTROL DRAIN -----	1		029
	2351023-019	• TUBE ASSEMBLY-FUEL CONTROL DRAIN ALTERNATE FOR 2351023-001 -----	1		029
-26	1112447	• CLAMP-STARTER GENERATOR -----	1		029
	MS20365-624	A . NUT -----	1		029
-27	2351023-013	• TUBE ASSY-MANIFOLD FUEL DRAIN -----	6		029
	2484036-002	• TANK ASSY KIT - COLLECTOR -----	1		029
-27A	2556002-022	• . TANK ASSY - COLLECTOR -----	1	AC	
-27B	50C-2L	• . VALVE - DRAIN -----	1	AC	
	NAS557-12B	• . GROMMET -----	1	AC	
-27C	2484036-003	• . TUBE ASSY - COLLECTOR TANK -----	1	AC	
	AN815-4	• . UNION -----	1	AC	
	MS29513-012	• . GASKET-O RING -----	1	AC	
-27D	2484036-005	• . TUBE ASSY - COLLECTOR TANK -----	1	AC	
-27E	AN833-4	• . ELBOW -----	1	AC	
	AN924-4	• . NUT -----	1	AC	
	MS29513-012	• . GASKET-O RING -----	1	AC	
-28	2351023-005	• TUBE ASSEMBLY-HYDRAULIC PUMP DRAIN -----	1	AC	
	2381212-003	• TUBE ASSEMBLY-HYDRAULIC PUMP DRAIN -----	1	E	
		• CONNECTING PARTS -----	1	F	
-29	AN833-4	• . ELBOW -----	1	E	
	AN924-4	• . NUT -----	1	E	
	MS28778-4	• . PACKING-O RING -----	1	E	
	AN919-2D	• . REDUCER -----	1	E	
	MS28778-3	• . PACKING-O RING -----	1	E	
-30	2380122-001	• STARTER GENERATOR MG1 & MG2 -----	1		029
	2380122-003	• STARTER GENERATOR ALT FOR 2380122-001 -----	1		029
-31	2355100-023	• NOZZLE ASSEMBLY-EXHAUST -----	1		029
	MS20033-1	A . BOLT -----	40		029
	MS20500-1032	A . NUT -----	40		029
-33	2351023-015	• TUBE ASSEMBLY-EPR SYSTEM -----	1		029
		• CONNECTING PARTS -----			
	AN832-4	• . UNION -----	1		029
-34	AN924-4	• . NUT -----	1		029
-35	2355107-001	• SUPPORT-EPR LINE -----	1		029
-36	MS21919WHG12	• CLAMP-OIL FILLER NECK ASSEMBLY -----	1		029
	AN3-14A	A . BOLT -----	1		029
	AN960D10L	A . WASHER -----	1		029
	NAS43HT3-64	A . SPACER -----	1		029
	MS20364-1032	A . NUT -----	1		029
	AN743P13	• BRACKET-OIL FILLER ASSEMBLY CLAMP -----	1		029
-37	2355105-010	• FILLER ASSEMBLY-OIL TANK -----	1		029
	AN3-5A	A . BOLT -----	3		029
	AN960D10	A . WASHER -----	3		029
	MS20364-1032	A . NUT -----	3		029
	031-146-70	• O-RING-OIL FILLER ASSEMBLY -----	1		029
	2351026-002	• DIPSTICK -----	1		029
-38	2351035-002	• BRACKET -----	1		029
	AN515C4R5	A . SCREW -----	4		029
	MS20365-440	A . NUT -----	4		029
-39	AN919-20D	• REDUCER-HYDRAULIC PRESSURE HOSE -----	1	E	
	MS28778-10	• PACKING-O RING HYD PRESSURE HOSE -----	1	E	
-40	AN815-6	• UNION-HYDRAULIC SUCTION HOSE -----	1	E	
	MS28778-6	• PACKING-O RING HYD SUCTION HOSE -----	1	E	
-41	MS28034-1	• BULB-OIL TEMPERATURE PROBE MT25&MT26 -----	1		029
	AN900-10	• GASKET-OIL TEMPERATURE BULB -----	1		029
-42	2351041-001	• BOSS ASSEMBLY-OIL TEMPERATURE PROBE -----	1		029
-43	2351035-003	• BRACKET ASSEMBLY-THROTTLE SUPPORT -----	1	T	
	2351035-011	• BRACKET ASSEMBLY-THROTTLE SUPPORT -----	1	U	
	2355123-005	• BRACKET ASSEMBLY-THROTTLE SUPPORT -----	1	V	
-44	2355111-001	• SNUBBER-OIL PRESSURE -----	1		029
-44A	NAS617-4	• GASKET-O RING SNUBBER -----	1		029
-45	SEE FIGURE 50	• CABLE ASSEMBLY-POWER -----	REF		029
		CONTINUED			
		A---ATTACHING PARTS			

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FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
51 -	2351019-007	• CONTROL ASSEMBLY-ENGINE THROTTLE -----	1		029
-46	HMVVJ-3	• • ROD END CHROME PLATED BALL -----	1		029
	ARE-3SST	• • ROD END ALT FOR HMVVJ-3 -----	1		029
	REM-3T	• • ROD END ALT FOR HMVVJ-3 -----	1		029
	REM-3TH	• • ROD END ALT FOR HMVVJ-3 -----	1		029
-47	AN315-3R	• • NUT -----	1		029
-48	2351019-008	• • BLOCK-THROTTLE CONTROL -----	1		029
	AN3-12A	• • BOLT -----	1		029
	AN960-10L	• • WASHER -----	1		029
	MS20365-1032	• • NUT -----	1		029
-49	2351023-008	• TUBE ASSEMBLY-COMBUSTION DRAIN -----	1		029
-50	2351023-009	• TUBE ASSEMBLY-OIL VENT UPPER -----	1		029
-51	2351023-010	• TUBE ASSEMBLY-OIL VENT LOWER -----	1		029
-52	AN833-8	• ELBOW-OIL VENT -----	1		029
	NAS617-8	• GASKET-O RING OIL VENT ELBOW -----	1		029
-53	2CM9ABE6	• GENERATOR TACHOMETER MT3 & MT4 -----	1		029
-54	MS20762-16	• ELBOW-FUEL HOSE ASSEMBLY -----	1		029
	AN763-16	• GASKET-FUEL HOSE ASSEMBLY ELBOW -----	1		029
	MS20756-16	• FLANGE-FUEL HOSE ASSEMBLY -----	1		029
-55	SCAATS-8-158-6	• DUCT-GENERATOR COOLING -----	1		029
-56	AN737TW74	A • CLAMP -----	2		029
-57	MS21919WOG32	A • CLAMP-GENERATOR COOLING DUCT SUPPORT -----	2		029
-58	M666300-4-0074	A • HOSE ASSEMBLY-EPR FLEXABLE -----	1		029
-59	624023-120-0152	A • HOSE ASSY-SUCTION -----	1	M	
	624023-120-0182	A • HOSE ASSY-SUCTION -----	1	Q	
	AE1003785H0225	A • HOSE ASSY-SUCTION -----	1	P	
-60	M624520-6-0160	A • HOSE ASSY-PRESSURE -----	1	M	
	M624520-6-0190	A • HOSE ASSY-PRESSURE -----	1	Q	
	AE1003785G0212	A • HOSE ASSY-PRESSURE -----	1	P	
		A • PLUMBING INSTALLATION-ENGINE BLEED AIR -----	1		029
-61	2351034-006	A • • FLANGE ASSY RH ENGINE ONLY -----	1	Z	
-62	2351050-013	• • TUBE ASSY-ENGINE BLEED AIR LH -----	1	C	
	2351050-014	• • TUBE ASSY-ENGINE BLEED AIR RH -----	1	C	
	2351061-009	• • HOSE ASSY-ENGINE BLEED AIR LH & RH -----	1	D	
	2452011-001	• • MANIFOLD ASSY-DUAL ENGINE PORT LH -----	1	AA	
	2452011-002	• • MANIFOLD ASSY-DUAL ENGINE PORT RH -----	1	AA	
-63	DC9423-125S	• • CONNECTOR-BLEED AIR HOSE ASSY -----	1	C	
	50073H100	• • COUPLING-BLEED AIR TUBE ASSY -----	1	D	
	50887-100S	• • GASKET-BLEED AIR COUPLING -----	1	D	
	3615-20	• • COUPLING-BLEED AIR HOSE ASSY -----	1	AA	
	67353-125S	• • COUPLING-BLEED AIR HOSE ASSY ALT -----	1		
		FOR 3615-20 -----	1	AA	
-64	2-218S455-7	• • GASKET-O RING -----	1	AA	
-66	SEE FIGURE 102	• • TUBE ASSEMBLY-BLEED AIR -----	REF		029
	624100-160-0120	• HOSE ASSEMBLY-FUEL LH -----	1	N	
	624139-160-0120	• HOSE ASSEMBLY-FUEL LH -----	1	P	
	624139-160-0197	• HOSE ASSEMBLY-FUEL RH -----	1	N	
	315-624157M0240	• HOSE ASSEMBLY-FUEL RH -----	1	P	
-67	624023-6-0125	• HOSE ASSEMBLY-MOTIVE FLOW LH -----	1	W	
	270-62403J	• HOSE ASSEMBLY-MOTIVE FLOW LH -----	1	X	
	624023-6-0174	• HOSE ASSEMBLY-MOTIVE FLOW RH -----	1	W	
-68	624000-8	• HOSE ASSEMBLY-MOTIVE FLOW RH -----	1	X	
		• PLUMBING INSTALLATION TUBES FROM -----			
		HIGH PRESSURE SERVO FILTER TO -----			
		OVERSPEED GOVERNOR -----	1	W	
	2381331-014	• • TUBE ASSEMBLY LH -----	1	W	
	2381331-012	• • TUBE ASSEMBLY RH -----	1	W	
	AN784C4	• • TEE -----	1	W	
	MS29512-4	• • GASKET-O RING -----	1	W	
	AN893-2C	• • REDUCER -----	1	W	
	2381331-010	• • TUBE ASSEMBLY RH -----	1	W	
		+ FOR SPARES MOD PER SK23-145			
		* LENGTH TO BE DETERMINED LATER			
		C 003 THRU 029 WHEN EQUIPPED WITH SINGLE			
		PORT ENGINE BLEED AIR HOSE ASSY EXCEPT			
		A/C MOD PER SK23-145			
		D 003 THRU 029 WHEN EQUIPPED WITH SINGLE			
		PORT ENGINE BLEED AIR HOSE ASSY & A/C			
		HAS BEEN MOD PER SK23-145			
		E 003 THRU 029 EXCEPT A/C MOD PER SK23-175			
		F 003 THRU 029 WHEN MOD PER SK23-175			
		G 003 THRU 029 EXCEPT A/C MOD PER SK23-180			
		H 003 THRU 029 WHEN MOD PER SK23-180			
		J 003 THRU 029 EXCEPT A/C MOD PER SK23/24-			
		278A, SK23/24-299 OR SK23-210 OR A/C			
		INSTALLED WITH 2395004-001 KIT PER			
		SSK904 INSTL INSTRUCTIONS			
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
51 -	K	003 THRU 029 WHEN MOD PER SK23/24-278A EXCEPT A/C MOD PER SK23/24-299 OR SK23-210D			
	L	003 THRU 029 WHEN MOD PER ECR 233, ECR 277, ECR 381 OR SK23-175			
	M	003 THRU 029 EXCEPT A/C MOD PER SK23-175 ECR 233, ECR 277 OR ECR 381			
	N	003 THRU 029 EXCEPT A/C MOD PER ECR 233 ECR 277 OR ECR 381			
	P	003 THRU 029 WHEN MOD PER ECR 233 ECR 277 OR ECR 381			
	Q	003 THRU 029 WHEN MOD PER SK23-175 EXCEPT A/C MOD PER ECR 233, ECR 277 OR ECR 381			
	R	003 THRU 029 EXCEPT A/C MOD PER SK23/24-255			
	S	003 THRU 029 WHEN MOD PER SK23/24-255			
	T	003 THRU 029 EXCEPT A/C MOD PER ECR 233, ECR 277, ECR 381 OR EQUIPPED WITH			
	U	003 THRU 029 WHEN MOD PER ECR 233, ECR 277 OR ECR 381 EXCEPT WHEN EQUIPPED WITH CONTROLEX THROTTLE CONTROL CABLES			
	V	003 THRU 029 WHEN EQUIPPED WITH CONTROLEX THROTTLE CONTROL CABLES			
	W	003 THRU 029 WHEN EJECTOR FUEL PUMPS ARE INSTALLED			
	X	003 THRU 029 WHEN MOD PER ECR 392			
	Y	003 THRU 029 WHEN MOD PER SK23/24-299 OR OR SK23-210D			
	Z	003 THRU 029 WHEN EQUIPPED WITH SINGLE PORT ENGINE BLEED AIR HOSE ASSY			
	AA	003 THRU 029 WHEN EQUIPPED WITH DUAL PORT ENGINE BLEED AIR MANIFOLD			
	AB	003 THRU 029 EXCEPT A/C MODIFIED PER AAK74-8			
	AC	003 THRU 029 WHEN A/C IS MODIFIED PER AAK74-8			
	AD	003 THRU 029 WHEN MOD PER SK23/24-278A EXCEPT A/C MOD PER SK23/24-299 OR SK23- 210D & EXCEPT A/C THAT HAVE INSTALLED 2395004-001 KIT PER SSK904 INSTALLATION INSTRUCTIONS			
	AE	003 THRU 029 WHEN MOD PER SK23/24-299 OR SK23-210D OR A/C THAT HAVE INSTALLED 2395004-001 KIT PER SSK904 INSTALLATION INSTRUCTIONS			
	AF	003 THRU 029 WHEN A/C IS INSTALLED WITH 2395004-001 KIT PER SSK904 INSTALLATION INSTRUCTIONS			
	AG	SEAL KIT FOR 6600010-002 OR 215-HBG-262 PRIMARY HYDRAULIC PUMP			
	AH	SEAL KIT FOR 2317087-005 OR 2317087-002 PRIMARY HYDRAULIC PUMP			
		A---ATTACHING PARTS			

LEFT SIDE VIEW OF ENGINE



FRONT VIEW OF ENGINE

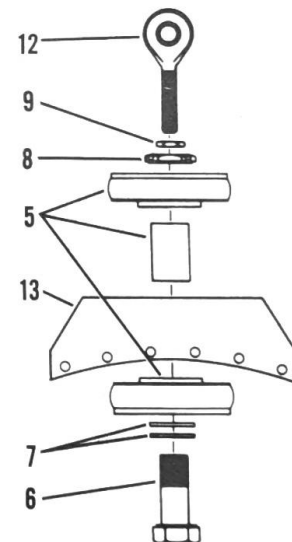
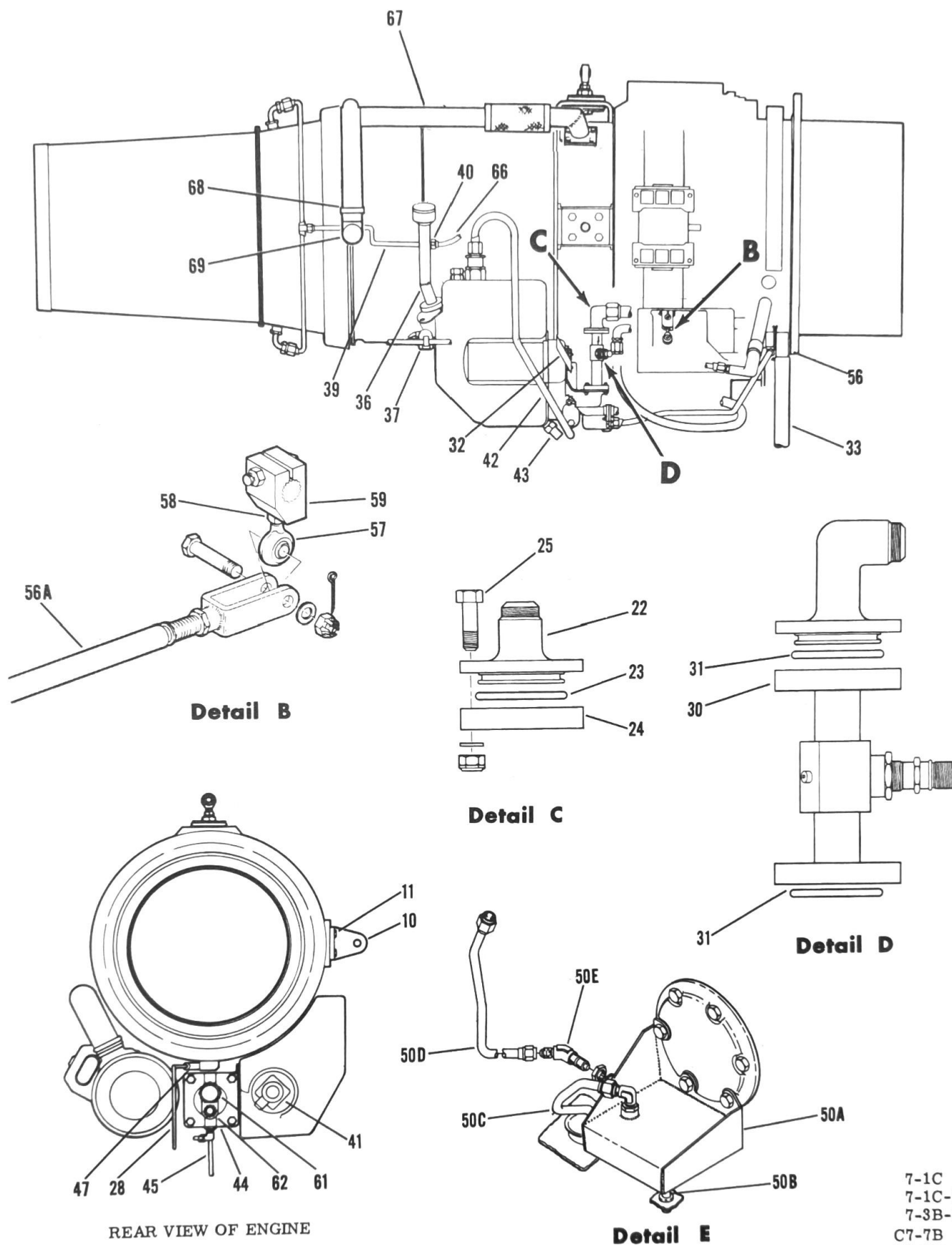
**Detail A**

Figure 52. Engine Assembly (Sheet 1 of 2)

7-1C  
7-1C-1  
7-3B-1  
A7-6A



## RIGHT SIDE VIEW OF ENGINE



7-1C  
7-1C-1  
7-3B-1  
C7-7B  
D7-7B  
E7-29B

Figure 52. Engine Assembly (Sheet 2 of 2)

LIMITED EFFECTIVITY Serial 030 &amp; ON



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
52 -		ENGINE ASSEMBLY LH -----	1	030	
		ENGINE ASSEMBLY RH -----	1	030	
	CJ610-4	• ENGINE SEE GE MANUAL SE1-137 -----	1	AH	
	CJ610-6	• ENGINE SEE GE MANUAL SE1-137 -----	1	AJ	
	2351002-009	• SUPPORT ASSEMBLY-FRONT RING -----	1	030	
-1	MS9033-07	A • BOLT -----	43	030	
	MS21043-3	A • NUT -----	30	030	
-2	NAS43HT3-12	A • SPACER -----	3	030	
	SEE FIGURE 50	• KIT-ENGINE SOFT MOUNTS -----	REF	030	
-4	LM308-19	• • MOUNT-ENGINE FWD -----	1	030	
-5	LM308-SA4	• • MOUNT ASSY-ENGINE UPPER MAIN -----	1	030	
	LM308-21	• • • MOUNT-TOP HALF -----	1	030	
	LM308-22	• • • MOUNT-BOTTOM HALF -----	1	030	
	LM308-23	• • • SLEEVE-MOUNT -----	1	030	
	SEE FIGURE 50	• • MOUNT-ENGINE LWR REAR -----	REF	030	
-6	2351032-006	• BOLT -----	1	030	
-7	AN960-1016	• WASHER -----	2	030	
-8	2351032-008	• NUT -----	1	030	
-9	2351032-007	• NUT-LOCK -----	1	030	
-10	2351014-004	• PLATE ASSEMBLY-ENGINE SHOCK MOUNT FOR SPARES USE 2451004-001 & 2451006-002 -----	1	030	
	2451004-001	• MOUNT ASSEMBLY-ENGINE SHOCK -----	1	030	
	2451006-002	• RETAINER-ENGINE MOUNT PIN -----	1	030	
-11	AN4H6A	A • BOLT USE WITH 2351014-004 -----	4	030	
	NAS1304-7H	• BOLT USE WITH 2451004-001 -----	4	030	
	AN960C416L	A • WASHER -----	4	030	
-12	REM-6TH	• ROD END-ENGINE MOUNTING -----	1	030	
-13	2351031-003	• PAD-ENGINE MOUNTING UPPER -----	1	030	
	MS9033-10	A • BOLT -----	10	030	
	MS21043-3	A • NUT -----	8	030	
-14	2352001-029	• TUBE ASSEMBLY-AIR INTAKE LH -----	1	M	
	2381251-011	• TUBE ASSEMBLY-AIR INTAKE LH -----	1	AQ	
	2381251-014	• TUBE ASSEMBLY-AIR INTAKE LH -----	1	AB	
	2352001-041	• TUBE ASSEMBLY-AIR INTAKE RH -----	1	M	
	2381251-010	• TUBE ASSEMBLY-AIR INTAKE RH -----	1	AQ	
	2352019-002	• TUBE ASSEMBLY-AIR INTAKE -----	2	AR	
-15	9136-56-A1	• FLOWMETER-ENGINE FUEL -----	1	P	
	AN4H3A	A • BOLT -----	3	P	
	AN960D416	A • WASHER -----	3	P	
-16	AN815-10	• UNION -----	1	P	
-17	MS29512-10	• GASKET-O RING -----	2	P	
-18	AN833-10	• ELBOW-90 DEGREES -----	1	P	
-19	AN924-10	• NUT -----	1	P	
-20	2351057-001	• BRACKET ASSEMBLY-FUEL FLOWMETER -----	1	P	
	MS9033-16	A • BOLT -----	3	P	
	NAS43DD3-32	A • SPACER -----	2	P	
	NAS43DD3-47	A • SPACER -----	1	P	
	MS21042-3	A • NUT -----	3	P	
-21	2355114-008	• TUBE ASSEMBLY-FLOWMETER -----	1	P	
-22	2351060-001	• CONNECTOR -----	1	P	
-23	MS29513-130	• GASKET-O RING -----	2	P	
-24	2351060-002	• SPACER -----	1	P	
-25	AN3-12A	• BOLT -----	4	P	
	AN960-10L	• WASHER -----	4	P	
	AN363-1032	• NUT -----	4	P	
-26	2355114-009	• TUBE ASSEMBLY-FLOWMETER -----	1	P	
-27	831-0001	• DETECTOR-ICE LH ENGINE ONLY MT38 -----	1	030	079
	AN3-17A	A • BOLT -----	2	N	
	AN4-4A	A • BOLT -----	2	N	
	AN4H3A	A • BOLT -----	4	AB	
	AN960D10L	A • WASHER -----	2	030	079
	AN960D416L	A • WASHER -----	1	030	079
-28	2355114-005	• TUBE ASSEMBLY-COMBUSTION DRAIN -----	1	030	
-29	MS20760-16	• CONNECTOR-FUEL HOSE ASSEMBLY -----	1	030	
	AN3-5A	A • BOLT -----	4	030	
	AN763-16	A • GASKET -----	1	030	
	AN960D10L	A • WASHER -----	4	030	
	MS20364-1032	A • NUT -----	4	030	
-30	6600097-001	• FLOWMETER-ENGINE FUEL USE VENDOR ASSY NO 1/2-1026 -----	1	K	
	1/2-1026	• FLOWMETER-ENGINE FUEL REF SPEC CONTROL DWG NO 6600097-001 WHEN EXHAUSTED USE 898-1 -----	1	070	
	2351063-001	• FLOWMETER-ENGINE FUEL WHEN -----	1	070	
	6600097-003	• FLOWMETER-ENGINE FUEL USE VENDOR ASSY NO 898-1 -----	1	AK	
	898-1	• FLOWMETER-ENGINE FUEL REF SPEC CONTROL DWG 6600097-003 -----	1	AK	
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
52 -	MS9033-14	A . BOLT -----	8	K	
	MS9033-16	A . BOLT -----	8	070	
	MS21042-3	A . NUT -----	8	K	
	MS9358-09	A . NUT -----	8	070	
	2381223-003	. ADAPTER-FLOWMETER -----	2	K	
	4006T50P01	. ELBOW-FLOWMETER -----	1	K	
	R1021F0120P	. HOSE-FLOWMETER ----- WHEN EXHAUSTED USE R1031F0120T -----	1	K	
	R1031F0120T	. HOSE-FLOWMETER -----	1	AS	
-31	MS29513-130	. GASKET-O RING -----	2	070	
-32	2351035-008	. BRACKET ASSEMBLY-THROTTLE SUPPORT -----	1	W	
	2351035-011	. BRACKET ASSEMBLY-THROTTLE SUPPORT -----	1	X	
	2355123-005	. BRACKET ASSEMBLY-THROTTLE SUPPORT -----	1	Y	
-33	CEETS-4-90-6	. HOSE-ENGINE ASPIRATOR -----	1	030	
	AN737TW46	A . CLAMP -----	2	030	
-34	2355114-010	. TUBE ASSEMBLY-FRONT BEARING DRAIN -----	1	030	
	AN837-4D	. CONNECTING PARTS -----	1	030	
	AN924-4D	. . ELBOW -----	1	030	
	NAS617-4	. . NUT -----	1	030	
	2380122-001	. . GASKET-O RING -----	1	030	
	2380122-003	. STARTER GENERATOR MG1 & MG2 -----	1	030	
	30837-43A	. STARTER GENERATOR ALT FOR 2380122-001 -----	1	030	
-36	2355105-015	. STARTER GENERATOR ALT FOR 2380122-003 -----	1	030	
	AN3-5A	. FILLER ASSEMBLY-OIL TANK -----	1	030	
	AN960010L	A . BOLT -----	3	030	
	MS21042-3	A . WASHER -----	3	030	
	031-1487	A . NUT -----	3	030	
	2-31-47-071	. O RING-OIL FILLER ASSEMBLY -----	1	030	
	1593-031	. O RING ALT FOR 031-1487 -----	1	030	
	2351026-003	. O RING ALT FOR 031-1487 -----	1	030	
-37	2452006-003	. DIPSTICK -----	1	030	
-38	2355100-015	. BRACKET ASSY-THROTTLE CABLE -----	1	Y	
	2355100-023	. NOZZLE ASSEMBLY-EXHAUST USED WITH CJ610-4 ENGINE WHEN EXHAUSTED USE 2355100-023 -----	1	AH	
	2355100-026	. NOZZLE ASSEMBLY-EXHAUST USED WITH CJ610-4 ENGINE -----	1	V	
	MS20033-1	. NOZZLE ASSEMBLY-EXHAUST USED WITH CJ610-6 ENGINE -----	1	AJ	
-39	MS20500-1032	A . BOLT -----	40	030	
	2351023-015	A . NUT -----	40	030	
-40	2351023-017	. TUBE ASSEMBLY-EPR LH ENGINE -----	1	030	
	AN832-4	. TUBE ASSEMBLY-EPR RH ENGINE -----	1	030	
	AN924-4	. UNION-EPR TUBE -----	1	030	
-41	2CM9ABE6	. NUT-EPR TUBE -----	1	030	
-42	2355114-003	. GENERATOR-TACHOMETER MT3 & MT4 -----	1	030	
-43	MS28034-3	. TUBE ASSEMBLY-OIL TANK VENT -----	1	030	
-44	NAS617-4	. BULB-OIL TEMPERATURE MT25 & MT26 -----	1	030	
	6600010-002	. GASKET-O RING -----	1	030	
	1215-HBG-262	. PUMP ASSY-ENGINE DRIVEN HYDRAULIC USE VENDOR NO 1215-HBG-262 -----	1	F	
	2317087-002	. PUMP ASSY-ENGINE DRIVEN HYDRAULIC REF SPEC CONTROL DWG 6600010-002 FOR SPARES COMPLY WITH SK23-175 -----	1	L	
	2317087-010	. PUMP & ADAPTER ASSY-ENGINE DRIVEN HYD FOR SPARES USE 2317087-010 -----	1	L	
	2317087-005	. PUMP & ADAPTER ASSY-ENGINE DRIVEN HYD -----	1	J	
	AN4044-1	. GASKET-ENGINE & PUMP SEALING -----	1	G	
	AN9600516L	A . WASHER -----	4	030	
	MS20365-524	A . NUT -----	4	030	
	2397001-001	. KIT-SEAL PRIMARY HYD PUMP -----	1	AL	
	2397001-002	. KIT-SEAL PRIMARY HYD PUMP -----	1	AM	
	2317087-004	. REDUCER-HYDRAULIC SUCTION -----	1	L	
	AN919-11C	. REDUCER-HYDRAULIC SUCTION -----	1	J	
	AN919-7C	. REDUCER-HYDRAULIC PRESSURE -----	1	G	
	MS28778-5	. PACKING-O RING -----	2	G	
-45	2355114-002	. TUBE ASSEMBLY-HYDRAULIC DRAIN -----	1	F	
	2355114-013	. TUBE ASSEMBLY-HYDRAULIC DRAIN -----	1	G	
	AN833-4	. CONNECTING PARTS -----	1	F	
	AN924-4	. . ELBOW -----	1	F	
	MS28778-4	. . NUT -----	1	F	
	2355113-017	. . PACKING-O RING -----	1	G	
	MS28778-3	. . REDUCER -----	1	G	
-46	2358000-014	. . PACKING-O RING -----	1	G	
-47	AN833-3C	. BRACKET-GENERATOR COOLING HOSE -----	1	030	
	AN924-3C	. ELBOW-COMBUSTION DRAIN -----	1	030	
	MS29512-3	. NUT -----	1	030	
-48	2355114-011	. GASKET-O RING COMBUSTION DRAIN -----	1	030	
		. TUBE ASSEMBLY-ANTI-ICE USED WITH GP-8060-70A SWITCH -----	1	T	
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
52 -	2355114-014	• TUBE ASSEMBLY-ANTI-ICE USED WITH P46D-13 SWITCH	1	T	
-49	090M666304F0046 GP-8060-70A	• HOSE ASSEMBLY ANTI ICE	1	U	
	P46D-13	• SWITCH-PRESSURE ANTI-ICE PSW11 & PSW12	1	030	
	MS21919WH29	• SWITCH-PRESSURE ANTI-ICE ALT FOR GP-8060-70A	1	030	
	MS21919WH26	A • CLAMP USE WITH GP-8060-70A	1	030	
	MS9033-07	A • CLAMP USE WITH P46D-13	1	030	
-49A	2355113-004	A • BOLT	1	030	
-50	2355114-007	• TUBE-ANTI-ICE RH ENGINE	1	AN	
-50A	2484036-001	• TUBE ASSY-HYD PRESSURE DRAIN VALVE	1	AP	
-50B	2556002-022	• TANK ASSY KIT - FUEL COLLECTOR	1	AP	
	50C-2L	• TANK	1	AP	
	NAS557-12B	• VALVE - DRAIN	1	AP	
-50C	2506002-068	• GROMMET	1	AP	
	AN833-4	• TUBE ASSY - COLLECTOR TANK	1	AP	
	AN924-4	• ELBOW	1	AP	
	MS29513-012	• NUT	1	AP	
-50D	2506002-067	• GASKET-O RING	1	AP	
-50E	AN837-4	• TUBE ASSY - COLLECTOR TANK	1	AP	
	AN924-4	• ELBOW	1	AP	
	MS29513-012	• NUT	1	AP	
-51	2355114-004	• GASKET-O RING	1	030	
-52	2355114-001	• TUBE ASSY-GENERATOR DRAIN	1	030	
-53	AN743-12	• TUBE ASSY-FUEL CONTROL & PUMP SEAL	1	030	
	MS21919DG16	• BRACKET-WIRE BUNDLE	1	030	
	AN3-5A	• CLAMP-WIRE BUNDLE	1	030	
	AN960D10L	A • BOLT	1	030	
	MS20364-1032	A • WASHER	1	030	
-54	1112447	A • NUT	1	030	
	MS20365-624	• CLAMP-QUICK ACTION DISCONNECT STARTER GENERATOR	1	030	
-55	AN737TW46	A • NUT	1	030	
-56	2351048-001	• CLAMP-ENGINE ASPIRATOR HOSE	1	030	
	AN737TW46	• ELBOW ASSEMBLY-ENGINE ASPIRATOR	1	030	
	A-18	A • CLAMP	2	030	
	SLOOT-4-6A	A • CLAMP	1	030	
-56A	SEE FIGURE 50	A • SLEEVE	1	030	
	2351019-007	• CABLE ASSEMBLY-POWER	REF	030	
-57	HMVVJ-3	• CONTROL ASSEMBLY-ENGINE THROTTLE	1	030	
	REM-3T	• ROD END CHROME PLATED BALL	1	030	
	ARE-3SST	• ROD END ALT FOR HMVVJ-3	1	030	
	REM-3TH	• ROD END ALT FOR HMVVJ-3	1	030	
-58	AN315-3R	• ROD END ALT FOR HMVVJ-3	1	030	
-59	2351019-008	• NUT	1	030	
	AN3-12A	• BLOCK-THROTTLE CONTROL	1	030	
	AN960-10L	• BOLT	1	030	
	MS20365-1032	• WASHER	1	030	
-60	624117-160-0240	• NUT	1	030	
	624000-160-0240	• HOSE ASSEMBLY-FUEL	1	H	
	624000-160-0280	• HOSE ASSEMBLY-FUEL LH	1	J	
-61	624023-120-0286	• HOSE ASSEMBLY-FUEL RH	1	J	
	AE1003785G0212	• HOSE ASSY-HYDRAULIC SUCTION	1	W	
	624000-120-0300	• HOSE ASSY-HYDRAULIC SUCTION	1	J	
	AN919-19	• HOSE ASSY-HYDRAULIC SUCTION	1	Y	
	MS28778-10	• REDUCER-HYDRAULIC SUCTION PORT	1	F	
-62	624300-6-0240	• PACKING-O RING	1	F	
	624300-6-0240	• HOSE ASSY-HYDRAULIC PRESSURE LH	1	030	
	624300-6-0270	• HOSE ASSY-HYDRAULIC PRESSURE RH	1	Q	
	AN815-6	• HOSE ASSY-HYDRAULIC PRESSURE RH	1	R	
	MS28778-6	• UNION-HYDRAULIC PRESSURE PORT	1	F	
-63	MS21919DG32	• PACKING-O RING	1	F	
	MS21919H32	• CLAMP-GENERATOR COOLING HOSE SUPPORT	2	030	069
	AN3-5A	• CLAMP-GENERATOR COOLING HOSE SUPPORT	2	070	
	AN960D10L	A • BOLT	2	030	
	MS20364-1032	A • WASHER	4	030	
-64	AN737TW74	A • NUT	2	030	
-65	SCAATS-8-204-6	• CLAMP-GENERATOR COOLING HOSE	1	030	
-66	340M666303F0066	• HOSE-GENERATOR COOLING	1	030	
-67	2355113-492-1	• HOSE ASSEMBLY-E.P.R. SYSTEM	1	030	
	2355113-492-2	• TUBE ASSEMBLY-LH ENGINE BLEED AIR	1	C	
	2351061-007	• TUBE ASSEMBLY-RH ENGINE BLEED AIR	1	C	
	2351061-009	• HOSE ASSEMBLY-BLEED AIR	1	D	
	2351061-011	• HOSE ASSEMBLY-BLEED AIR WHEN EXHAUSTED USE 2351061-011	1	E	
	2452011-001	• HOSE ASSEMBLY-BLEED AIR	1	S	
	2452011-002	• MANIFOLD ASSY-DUAL ENGINE PORT BLEED AIR LH ONLY	1	AC	
		• MANIFOLD ASSY-DUAL ENGINE PORT BLEED AIR RH ONLY	1	AC	
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
-67A -68	2351034-006 DC9423-125S 51394H100 50773H100 51134-100S 50887-100S 3615-20 67353-125S	<ul style="list-style-type: none"> <li>• FLANGE ASSY-ANTI ICE RH ONLY -----</li> <li>• CONNECTOR-ENGINE BLEED AIR TUBE -----</li> <li>• COUPLING-ENG BLEED AIR HOSE ASSY -----</li> <li>• COUPLING-ENG BLEED AIR HOSE ASSY -----</li> <li>• GASKET-BLEED AIR HOSE COUPLING -----</li> <li>• GASKET-BLEED AIR HOSE COUPLING -----</li> <li>• COUPLING-BLEED AIR HOSE ASSY -----</li> <li>• COUPLING-BLEED AIR HOSE ASSY ALT FOR 3615-20 -----</li> </ul>	1 1 1 1 1 1 1 1	AC C D E D E AC	
-69 -70	2-218S455-7 SEE FIGURE 102  2355118-001 AN784C4 AN919-6C AN919-10C MS29512-4	<ul style="list-style-type: none"> <li>• GASKET-O RING -----</li> <li>• TUBE ASSY-BLEED AIR -----</li> <li>• PLUMBING INSTALLATION-ENGINE FUEL PUMP -----</li> <li>• TUBE ASSEMBLY-ENGINE FUEL PUMP -----</li> <li>• TEE -----</li> <li>• REDUCER -----</li> <li>• REDUCER -----</li> <li>• GASKET-O RING -----</li> </ul>	1 1 REF 1 1 1 1 1	AC AC 030 AA AA AF AG AA	
-71	180-624036H0300 270-624036J0440 624023-6-0112 624000-8-0226	<ul style="list-style-type: none"> <li>• HOSE-MOTIVE FLOW LH -----</li> <li>• HOSE-MOTIVE FLOW LH -----</li> <li>• HOSE-MOTIVE FLOW RH -----</li> <li>• HOSE-MOTIVE FLOW RH -----</li> </ul>	1 1 1 1	AE Z AE Z	
		* FOR SPARES MOD PER SK23-145			
		+ USE WITH AN815-4D ELBOW & MS28778-4 PACKING O RING & 2355114-14			
		C 030 THRU 042 WHEN EQUIPPED WITH SINGLE PORT ENGINE BLEED AIR HOSE ASSY EXCEPT A/C MOD PER SK23-145			
		D 043 THRU 069 WHEN EQUIPPED WITH SINGLE PORT ENGINE BLEED AIR HOSE ASSY EXCEPT A/C MOD PER SK23-145			
		E 070 & ON & PREVIOUS A/C WHEN MOD PER SK23-145 & WHEN SINGLE PORT ENGINE BLEED AIR HOSE ASSY IS INSTALLED			
		F 030 THRU 084 EXCEPT A/C MOD PER SK23-175			
		G 085 & ON & A/C MOD PER SK23-175			
		H 030 & ON EXCEPT A/C MOD PER ECR 233, ECR 230 OR ECR 227			
		J 030 & ON WHEN MOD PER ECR 233, ECR 230 OR ECR 227			
		K 030 THRU 069 WHEN MOD PER SK23-180 EXCEPT A/C MOD PER ECR 233 OR ECR 230			
		L 085 & ON & A/C MOD PER SK23-175 EXCEPT A/C MOD PER ECR 233, ECR 230 OR ECR 227			
		M 030 THRU 079 EXCEPT A/C MOD PER SK 23/24-278A, 23/24-299 OR SK23-210 OR A/C MOD PER SSK904			
		N 030 THRU 079 WHEN MOD PER SK23/24-278A EXCEPT A/C MOD PER SK23/24-299 OR SK23-210			
		P 030 THRU 069 EXCEPT A/C MOD PER SK23-180			
		Q 030 THRU 084 & A/C MOD PER ECR 227 EXCEPT A/C MOD PER SK23-175			
		R 085 & ON & A/C MOD PER SK23-175 EXCEPT A/C MOD PER ECR 227			
		S SPARE FOR 2351061-009			
		T 030 & ON EXCEPT A/C MOD PER SK23/24-255			
		U 030 & ON WHEN MOD PER SK23/24-255			
		V SPARE FOR 2355100-015			
		W 030 & ON EXCEPT A/C MOD PER ECR 233, ECR 230 OR ECR 227 OR EQUIPPED WITH CONTROLEX THROTTLE CONTROL CABLES			
		X 030 & ON WHEN MOD PER ECR 233, ECR 230 OR ECR 227 EXCEPT WHEN EQUIPPED WITH CONTROLEX THROTTLE CONTROL CABLES			
		Y 030 & ON WHEN EQUIPPED WITH CONTROLEX THROTTLE CONTROL CABLES			
		Z 030 & ON WHEN MOD PER ECR 354, ECR 392, OR ECR 401			
	AA	030 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 354, ECR 392 OR ECR 401			
	AB	030 THRU 079 WHEN MOD PER SK23/24-299 OR SK23-210 & EXCEPT A/C MOD PER SSK904			
	AC	030 & ON WHEN A/C IS EQUIPPED WITH DUAL PORT ENGINE BLEED AIR MANIFOLD			
	AE	030 & ON WHEN EJECTOR FUEL PUMPS ARE INSTALLED EXCEPT A/C MOD PER ECR 354, ECR 392 OR ECR 401			
		CONTINUED			
		A---ATTACHING PARTS			

LIMITED EFFECTIVITY Serial 030 &amp; ON

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
52 -	AF	USED WHEN 180-624036H0300 &			
		624023-6-0112 HOSE ASSYS ARE INSTALLED			
	AG	USED WHEN 270-624036J0440 &			
		624000-8-0226 HOSE ASSYS ARE INSTALLED			
	AH	030 & ON EXCEPT A/C MOD PER ECR 319			
	AJ	030 & ON WHEN MOD PER ECR 319			
	AK	SPARE FOR 1/2-1026 & 2351063-001			
	AL	SEAL KIT FOR 6600010-002 OR 1215-HBG-262			
		PRIMARY HYDRAULIC PUMP			
	AM	SEAL KIT FOR 2317087-002 OR 2317087-005			
		PRIMARY HYDRAULIC PUMP			
	AN	030 & ON EXCEPT WHEN MOD PER AAK74-8			
	AP	030 & ON WHEN MOD PER AAK74-8			
	AQ	030 THRU 079 WHEN MOD PER SK23/24-278A			
		EXCEPT A/C MOD PER SK23/24-299 OR SSK904			
		OR SK23-210D			
	AR	080 & ON & PREVIOUS A/C MOD PER SSK904			
	AS	SPARE FOR R1021F0120P			
		A---ATTACHING PARTS			

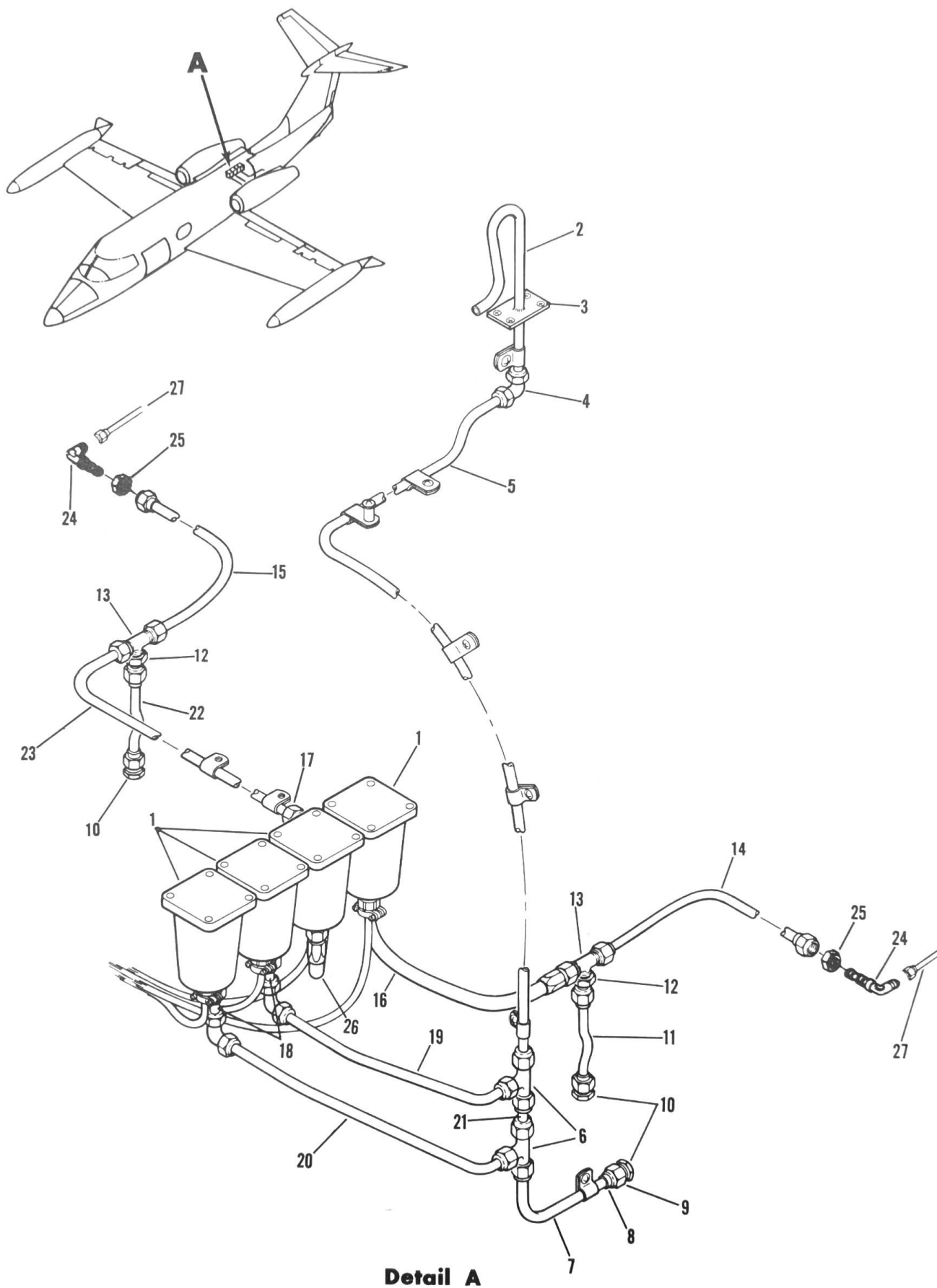


Figure 53. Engine Pressure Ratio Plumbing Installation

A7-2C







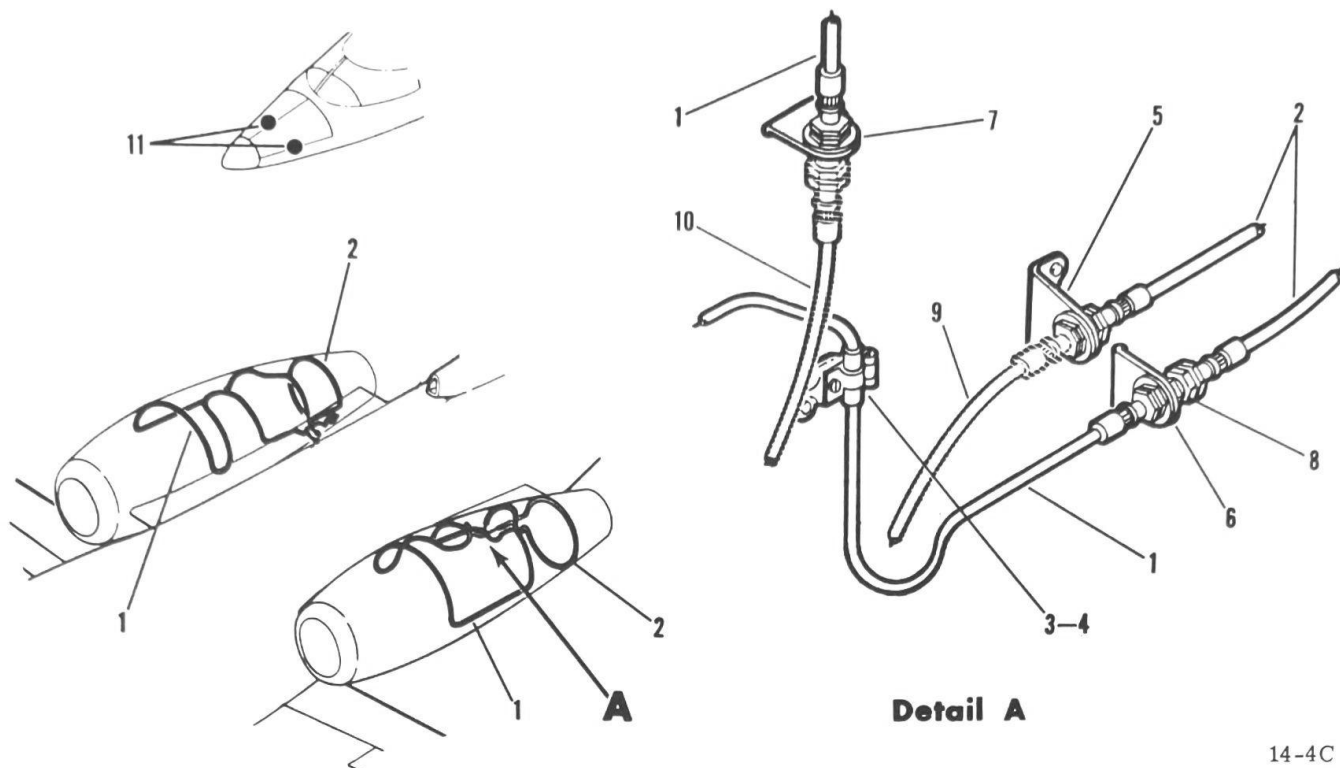
14-4C  
A14-3C

Figure 54. Nacelle Fire Detection System

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				1 2 3 4 5 6 7	THRU
54 -		NACELLE FIRE DETECTION SYSTEM			A
		• FIRE DETECTION INSTL LH NACELLE -----	1		A
		• FIRE DETECTION INSTL RH NACELLE -----	1		A
-1	702216	• • ELEMENT-SENSING FWD -----	1		B
	702166	• • ELEMENT-SENSING FWD -----	1		C
-2	872281	• • ELEMENT-SENSING AFT -----	1		A
-3	243730	A • • CLAMP ASSY -----	AR		A
-4	207420	A • • GROMMET FWD SENSING ELEMENT ONLY -----	AR		A
	245284	A • • GROMMET AFT SENSING ELEMENT ONLY -----	AR		A
	IT27050	A • • GROMMET AFT SENSING ELEMENT ONLY -----	AR		A
	15383-1	• • GROMMET AFT SENSING ELEMENT ONLY -----	AR		A
		ALT FOR 245284 -----	AR		A
-5	208101	A • • PLATE-CONNECTION JOINT -----	AR		B
	841043	• • FITTING-CONNECTOR JOINT -----	1		C
	207865	• • NUT -----	1		C
-6	841170	A • • FITTING-CONNECTOR JOINT -----	1		C
	61536	A • • FITTING-CONNECTOR JOINT ALT FOR -----	1		C
		841170 -----	1		C
	207865	• • NUT -----	1		C
-7	841171	A • • FITTING-CONNECTOR JOINT -----	1		C
	61537	• • FITTING-CONNECTOR JOINT ALT FOR -----	1		C
		841171 -----	1		C
	207865	• • NUT -----	1		C
-8	840936	A • • RECEPTACLE-SOCKET -----	2		A
-9	872241	A • • FLEX LEAD AFT SENSING ELEMENT -----	1		D
-10	872241	A • • FLEX LEAD FWD SENSING ELEMENT -----	1		E
	2481077-003	• • FLEX LEAD FWD SENSING ELEMENT -----	1		F
	2481077-004	• • FLEX LEAD FWD SENSING ELEMENT -----	1		F
	207305	A • • CLAMP FLEX LEAD ATTACHMENT -----	6		F
-11	SEE FIGURE 148	• • CONTROL UNIT-FIRE DETECT -----	REF		G
		A 003 & ON			
		B 003 THRU 029			
		C 030 & ON			
		D 003 & ON EXCEPT A/C MOD PER AMK70-4			
		E 003 THRU 029 WHEN MOD PER AMK70-4			
		F 030 & ON WHEN MOD PER AMK70-4			
		G SEE REF FIGURE FOR USAGE			
		A---ATTACHING PARTS			

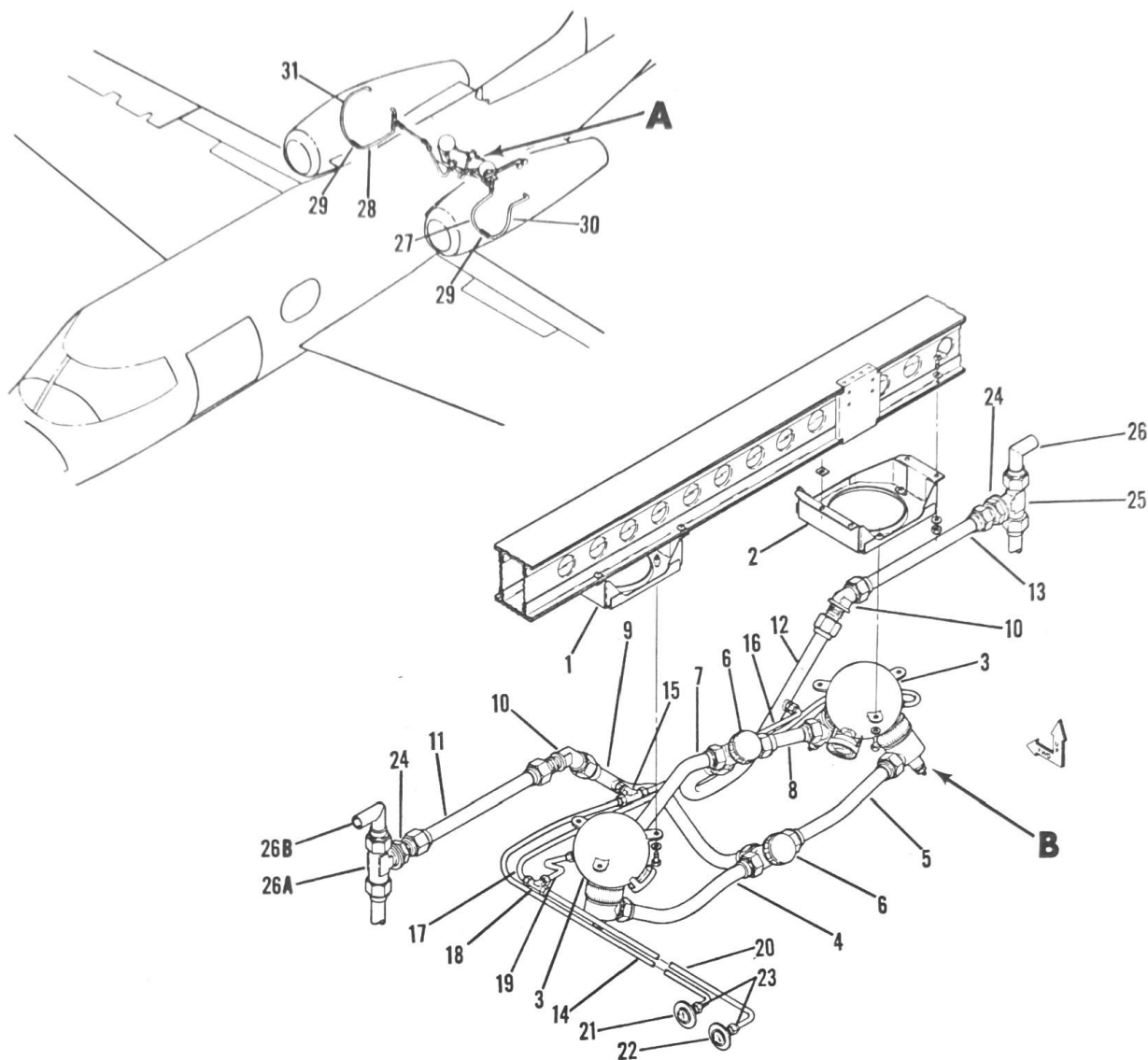
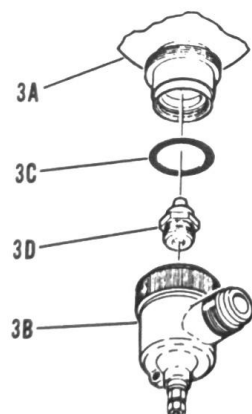
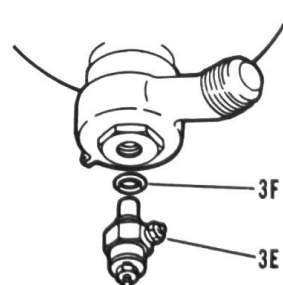
**Detail A****892187 Assembly****30402102 Assembly****Detail B****Figure 54A. Engine Fire Extinguisher System**14-26B1  
A14-25D-1

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
54A-		ENGINE FIRE EXTINGUISHER SYSTEM		A	
-1	2388212-001	• SUPPORT ASSEMBLY-ENGINE FIRE EXT LH -----	1	A	
-2	2388213-005	• SUPPORT ASSEMBLY-ENGINE FIRE EXT RH -----	1	A	
	NAS221-13	A • SCREW -----	8	A	
	2388216-001	A • SPACER -----	10	A	
	AN960010	A • WASHER -----	8	A	
	MS20365-1032	A • NUT -----	8	A	
-3	892187-01	• CONTAINER-FIRE EXTINGUISHER -----	2	A	
	30402102	• CONTAINER-FIRE EXTINGUISHER ALT FOR 892187-01 -----	2	A	
	AN4-5	A • BOLT -----	6	A	
	AN960PD416	A • WASHER -----	6	A	
-3A	893640	• CONTAINER-CHARGED -----	1	K	
-3B	891086	• VALVE -----	1	K	
-3C	1971-0300	• PACKING-O RING -----	1	K	
-3D	841155	• CARTRIDGE-FIRE EXTINGUISHER -----	1	K	
-3E	13083-5	• SQUIB ASSY-REMOVABLE -----	1	L	
-3F	MS28778-5	• PACKING-O RING -----	1	L	
-4	2388214-002	• TUBE ASSEMBLY-ENGINE FIRE EXTINGUISHER -----	1	A	
-5	2388214-004	• TUBE ASSEMBLY-ENGINE FIRE EXTINGUISHER -----	1	A	
-6	966301	• VALVE-CHECK -----	2	A	
	35291900	• VALVE-CHECK ALT FOR 966301 -----	2	A	
-7	2388214-008	• TUBE ASSEMBLY-ENGINE FIRE EXTINGUISHER -----	1	A	
-8	2388214-010	• TUBE ASSEMBLY-ENGINE FIRE EXTINGUISHER -----	1	A	
-9	2388214-031	• TUBE ASSEMBLY-ENGINE FIRE EXTINGUISHER -----	1	A	
-10	AN837-16	• ELBOW -----	2	A	
-11	2381339-003	• TUBE ASSEMBLY-ENGINE FIRE EXTINGUISHER -----	1	B	
	2388214-027	• TUBE ASSEMBLY-ENGINE FIRE EXTINGUISHER -----	1	C	
-12	2388214-032	• TUBE ASSEMBLY-ENGINE FIRE EXTINGUISHER -----	1	A	
-13	2388214-028	• TUBE ASSEMBLY-ENGINE FIRE EXTINGUISHER -----	1	A	
-14	2388214-035	• TUBE ASSEMBLY-ENGINE FIRE EXTINGUISHER -----	1	A	
		• CONNECTING PARTS			
-15	AN834-4D	• TEE -----	1	A	
	MS28778-4	• PACKING-O RING -----	1	A	
	AN924-4D	• NUT -----	1	A	
-16	2388214-036	• TUBE ASSEMBLY-ENGINE FIRE EXTINGUISHER -----	1	A	
-17	2388214-014	• TUBE ASSEMBLY-ENGINE FIRE EXTINGUISHER -----	1	A	
-18	AN824-4D	• TEE -----	1	A	
-19	2388214-016	• TUBE ASSEMBLY-ENGINE FIRE EXTINGUISHER -----	1	A	
-20	2388214-018	• TUBE ASSEMBLY-ENGINE FIRE EXTINGUISHER -----	1	A	
-21	800495	• INDICATOR-PRESS DISCHARGE YELLOW -----	1	A	
	18600	• INDICATOR-PRESS DISCHARGE YELLOW ALT FOR 800495 -----	1	A	
	24429	• DISC YELLOW -----	1	D	
	13158	• DISC YELLOW -----	1	E	
	17917	• RING-DISC RETAINING -----	1	D	
	13157	• RING-DISC RETAINING -----	1	E	
-22	922315	• INDICATOR-PRESS DISCHARGE RED -----	1	A	
	18601	• INDICATOR-PRESS DISCHARGE RED ALT FOR 922315 -----	1	A	
	17919	• DISC RED -----	1	F	
	13159	• DISC RED -----	1	G	
	17917	• RING-DISC RETAINING -----	1	F	
	13157	• RING-DISC RETAINING -----	1	G	
-23	AN816-4D	• NIPPLE -----	2	A	
-24	2388214-025	• PLATE-SUPPORT -----	2	A	
	AN3-5A	A • BOLT -----	12	A	
-25	AN834-16C	• TEE -----	1	A	
	AN924-16C	• NUT -----	1	A	
	AN960C2116	• WASHER -----	1	A	
-26	2388215-040	• TUBE ASSY-ENGINE FIRE EXTINGUISHER RH -----	1	A	
-26A	2381340-003	• TUBE ASSY-ENGINE FIRE EXTINGUISHER LH -----	1	B	
-26B	2388215-040	• TUBE ASSY-ENGINE FIRE EXTINGUISHER LH FOR SPARES USE 2559001-005 -----	1	C	
	2559001-005	• TUBE ASSY-ENGINE FIRE EXTINGUISHER LH -----	1	H	
	AN924-16C	• NUT -----	1	A	
	AN960C2116	• WASHER -----	1	A	
-27	2381340-006	• TUBE ASSEMBLY-ENGINE FIRE EXTINGUISHER -----	1	B	
	2388215-024	• TUBE ASSEMBLY-ENGINE FIRE EXTINGUISHER FOR SPARES USE 2388215-037 -----	1	C	
	2388215-037	• TUBE ASSEMBLY-ENGINE FIRE EXTINGUISHER -----	1	J	
-28	2381340-018	• TUBE ASSEMBLY-ENGINE FIRE EXTINGUISHER -----	1	B	
	2388215-026	• TUBE ASSEMBLY-ENGINE FIRE EXTINGUISHER -----	1	C	
-29	AN815-16C	• UNION -----	2	A	
-30	2381340-011	• TUBE ASSEMBLY-ENGINE FIRE EXTINGUISHER -----	1	B	
	2388215-018	• TUBE ASSEMBLY-ENGINE FIRE EXTINGUISHER -----	1	C	
-31	2381340-014	• TUBE ASSEMBLY-ENGINE FIRE EXTINGUISHER -----	1	B	
	2388215-021	• TUBE ASSEMBLY-ENGINE FIRE EXTINGUISHER -----	1	C	
		A 003 & ON WHEN MOD PER ECR 233, ECR 230, CONTINUED			
		A---ATTACHING PARTS			

LIMITED EFFECTIVITY Serial Code A

54A

MODEL 23

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION  1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
54A-		OR ECR 227			
	B	003 THRU 029 WHEN MOD PER ECR 233			
	C	030 & ON WHEN MOD PER ECR 233, ECR 230 OR ECR 227			
	D	COMPONENT OF 800495 INDICATOR ASSY			
	E	COMPONENT OF 18600 INDICATOR ASSY			
	F	COMPONENT OF 922315 INDICATOR ASSY			
	G	COMPONENT OF 18601 INDICATOR ASSY			
	H	SPARE FOR 2388215-040			
	J	SPARE FOR 2388215-024			
	K	COMPONENT OF 892187-01 CONTAINER ONLY			
	L	COMPONENT OF 30402102 CONTAINER ONLY			
		A---ATTACHING PARTS			

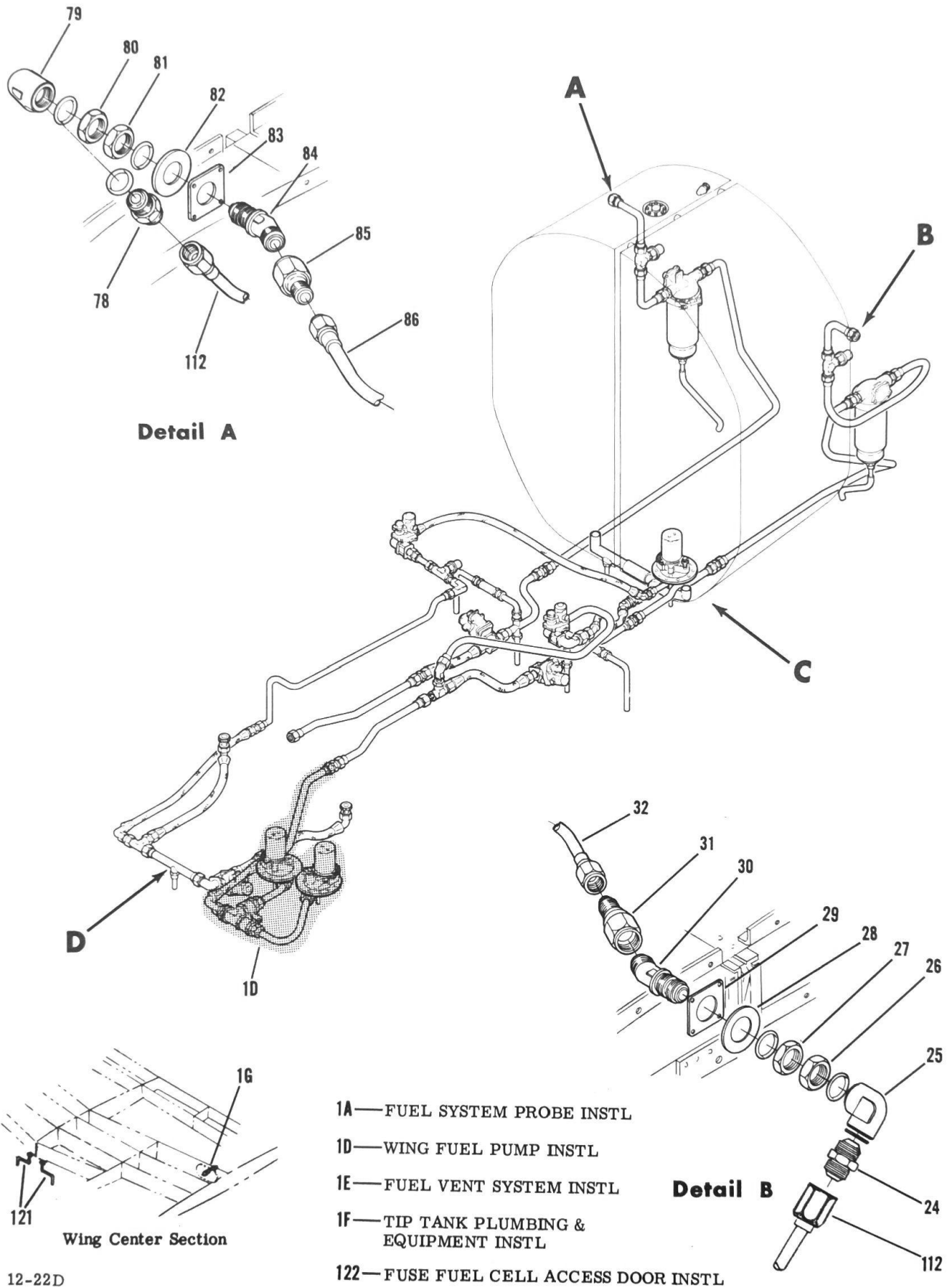


Figure 55. Fuel System Installation (Sheet 1 of 2)

LIMITED EFFECTIVITY Serial Code A

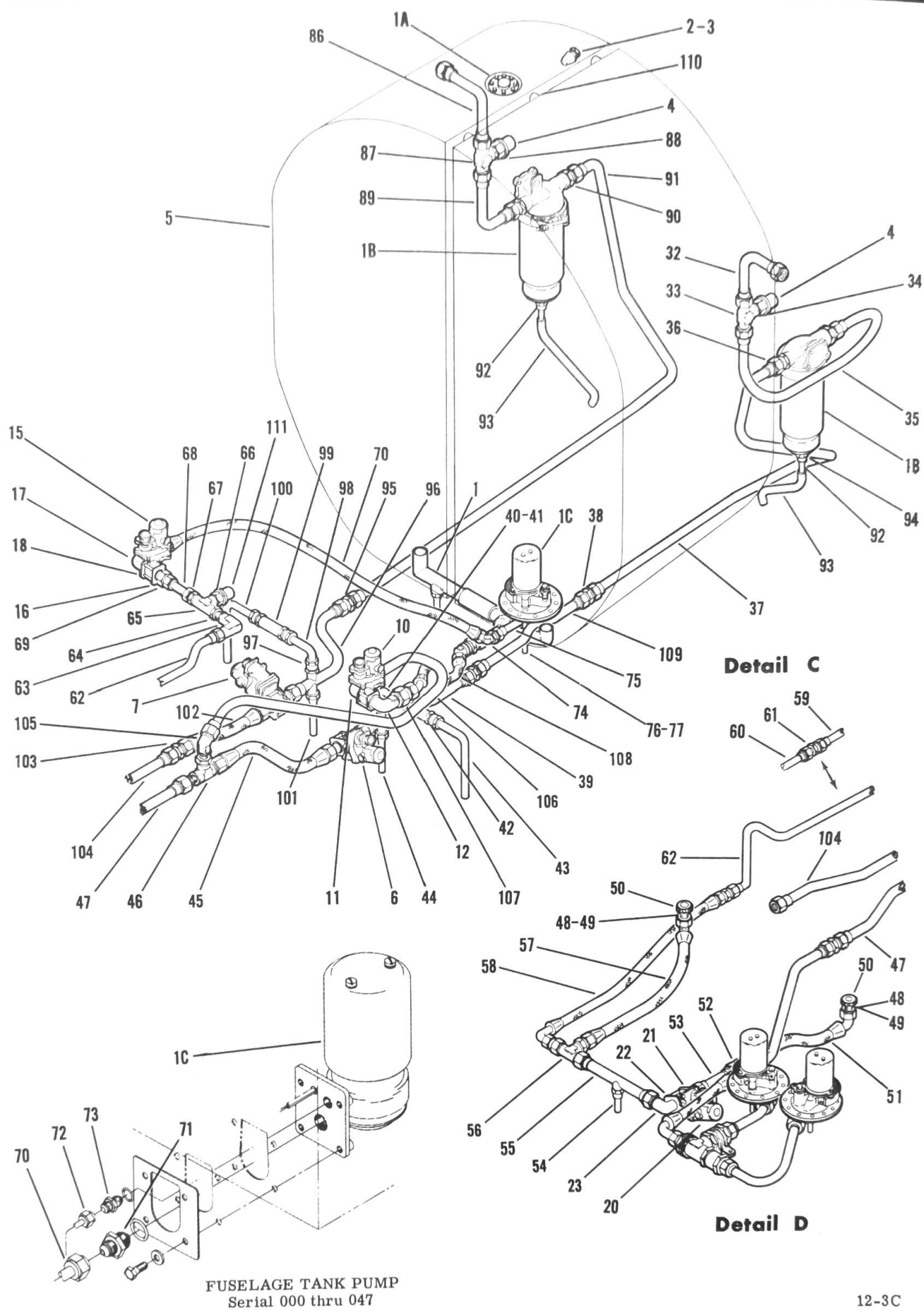


Figure 55. Fuel System Installation (Sheet 2 of 2)

LIMITED EFFECTIVITY Serial Code A

12-3C  
C12-22D  
D12-22D

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
55 -		1 2 3 4 5 6 7			
-1	SEE FIGURE 57	FUEL SYSTEM INSTALLATION	1	A	
-1A	SEE FIGURE 58	• CROSSOVER INSTALLATION-FUSELAGE FUEL	1	A	
-1B	SEE FIGURE 59	• PROBE INSTALLATION-FUEL SYSTEM	1	A	
-1C	SEE FIGURE 60	• FILTER INSTALLATION-FUEL SYSTEM	1	A	
-1D	SEE FIGURE 61	• FUEL PUMP INSTALLATION-FUSELAGE	1	A	
		• STELLER PUMP INSTL-WING FUEL	1	V	
	SEE FIGURE 61A	• CONFIGURATION A	1	V	
		• STELLER PUMP INSTL-WING FUEL	1	V	
		• CONFIGURATION B	1	W	
-1E	SEE FIGURE 62	• LEAR ROMEC PUMP INSTL-WING FUEL	1	AA	
	SEE FIGURE 64	• FUEL VENT SYSTEM INSTALLATION	1	AB	
	SEE FIGURE 65	• FUEL VENT SYSTEM INSTALLATION	1	A	
-1F	SEE FIGURE 66	• TIP TANK PLUMBING & EQUIPMENT INSTL	2	A	
-1G	GIF-5400-3	• SWITCH-FLOAT WING	2	A	
	GIF-5400-20	• SWITCH-FLOAT WING ALT FOR	1	A	
		GIF-5400-3	1	A	
-2	GIF-5400-3	• SWITCH-FLOAT FUSELAGE LSW1	1	B	
	MS29512-5	• GASKET-O RING	1	A	
	AN935-816	• WASHER	1	C	
-3	2381100-004	• TUBE ASSEMBLY-FLOAT SWITCH	1	A	
-4	1G134-2	• SWITCH-LOW PRESSURE LH ENGINE	1	A	
		PSW1	1	A	
	1G134-2	• SWITCH-LOW PRESSURE RH ENGINE	1	A	
		PSW2	1	D	
-5	6600028-001	• BLADDER ASSEMBLY-FUEL CELL LH	1	AG	
		WHEN EXHAUSTED USE 6600028-003	1	E	
	6600028-003	• BLADDER ASSEMBLY-FUEL CELL LH	1	AC	
	6600080-004	• BLADDER ASSEMBLY-FUEL CELL LH WHEN	1	D	
		EXHAUSTED USE 6600080-005	1	AH	
	6600080-005	• BLADDER ASSEMBLY-FUEL CELL LH	1	E	
	6600028-002	• BLADDER ASSEMBLY-FUEL CELL RH	1	AD	
		WHEN EXHAUSTED USE 6600028-004	1	A	
	6600028-004	• BLADDER ASSEMBLY-FUEL CELL RH	1	A	
	6600080-002	• BLADDER ASSEMBLY-FUEL CELL RH WHEN	1	A	
		EXHAUSTED USE 6600080-006	1	A	
	6600080-006	• BLADDER ASSEMBLY-FUEL CELL RH	1	A	
-6	2380078-003	• VALVE ASSY-ENGINE FUEL SHUTOFF LH	1	A	
	AV24811198	• VALVE WHEN EXHAUSTED USE 230595	1	A	
	230595	• VALVE ALT FOR AV24811198	1	A	
	MS20760D12-16	• CONNECTOR-VALVE	2	A	
	NAS428-3-24	• BOLT	4	A	
	AN960D10	• WASHER	8	A	
	AN315-3R	• NUT	4	A	
	MS20365-1032	• NUT	4	A	
-7	2380078-002	• VALVE ASSY-ENGINE FUEL SHUTOFF RH	1	A	
	AV24811198	• VALVE WHEN EXHAUSTED USE 230595	1	A	
	230595	• VALVE ALT FOR AV24811198	1	A	
	MS20760D12-16	• CONNECTOR-VALVE	2	A	
	NAS428-3-24	• BOLT	4	A	
	AN960D10	• WASHER	8	A	
	AN315-3R	• NUT	4	A	
	MS20365-1032	• NUT	4	A	
-10	2380078-006	• VALVE ASSY-FUSELAGE TANK REFUEL	1	A	
	AV24811198	• VALVE WHEN EXHAUSTED USE 230595	1	A	
	230595	• VALVE ALT FOR AV24811198	1	A	
-11	MS20762D12-16	• ELBOW-SWIVEL	1	A	
-12	MS20756D16	• FLANGE-SWIVEL	1	A	
	MS20762D16	• ELBOW-SWIVEL	1	A	
	MS20756D16	• FLANGE-SWIVEL	1	A	
-15	2380078-005	• VALVE ASSY-FUSELAGE TANK FUEL XFER	1	A	
	AV24811198	• VALVE WHEN EXHAUSTED USE 230595	1	A	
	230595	• VALVE ALT FOR AV24811198	1	A	
-16	MS20756D12-16	• CONNECTOR-FIXED FLANGE	1	A	
-17	MS20762D12-16	• ELBOW-SWIVEL	1	A	
-18	MS20756D16	• FLANGE-SWIVEL	1	A	
-20	2380078-007	• VALVE-WING FUEL CROSSFLOW CONTROL	1	A	
	AV24811198	• VALVE WHEN EXHAUSTED USE 230595	1	A	
	230595	• VALVE ALT FOR AV24811198	1	A	
-21	MS20760D12-16	• CONNECTOR-FIXED FLANGE	1	A	
-22	MS20756D16	• FLANGE-SWIVEL	1	A	
-23	MS20762D12-16	• ELBOW-SWIVEL	1	A	
-24	AN815-16	• UNION	1	A	
-25	AN939-16	• ELBOW	1	A	
	MS29512-16	• GASKET-O RING	3	A	
-26	AN818-16D	• NUT	1	A	
-27	2351043-001	• NUT	1	A	
-28	2352000-030	• SPACER	1	A	
-29	2352000-003	• PLATE	1	A	
	AN3-4A	• BOLT	4	A	
-30	AN837-16	• ELBOW	1	A	
-31	NAS1564-12-16	• REDUCER	1	A	

CONTINUED

A---ATTACHING PARTS



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
55 -32	2316003-053	• TUBE ASSEMBLY-LH ENGINE -----	1	A	
-33	AN783D12	• TEE -----	1	A	
-34	AN893-4D	• REDUCER -----	1	A	
	MS29512-12	• GASKET-O RING -----	1	A	
	MS29512-4	• GASKET-O RING -----	1	A	
-35	2316003-059	• TUBE ASSEMBLY-LH ENGINE -----	1	H	
	2316003-084	• TUBE ASSEMBLY-LH ENGINE -----	1	J	
-36	AN919-23D	• REDUCER -----	2	H	
	AN815-12D	• UNION -----	2	J	
	MS29512-16	• GASKET-O RING -----	2	H	
	MS29512-12	• GASKET-O RING -----	2	J	
-37	2316003-035	• TUBE ASSEMBLY-LH ENGINE -----	1	H	
	2316003-086	• TUBE ASSEMBLY-LH ENGINE -----	1	K	
	2316003-117	• TUBE ASSEMBLY-LH ENGINE -----	1	L	
-38	AN815-12D	• UNION -----	1	A	
-39	2316003-068	• TUBE ASSEMBLY-LH ENGINE TEE -----	1	A	
	MS29512-4	• GASKET-O RING -----	2	A	
-40	AN815-4D	• UNION -----	1	A	
-41	2316003-076	• TUBE ASSEMBLY-PRESSURE RELIEF -----	1	A	
-42	5139A-4TT-75	• VALVE-RELIEF -----	1	A	
-43	2316003-074	• TUBE ASSEMBLY-PRESSURE RELIEF -----	1	A	
-44	50BSH-4G	• VALVE-DRAIN FOR SPARES ORDER			
	2380065-001	• VALVE-DRAIN -----	1	X	
	MS29512-4	• GASKET-O RING DRAIN VALVE -----	1	Y	
-45	601000-12D-0130	• HOSE ASSEMBLY -----	1	A	
-46	AN783D12	• TEE -----	1	A	
	MS29512-12	• GASKET-O RING -----	1	A	
-47	2316003-013	• TUBE ASSEMBLY-LH ENG FUEL SUPPLY -----	1	V	
-48	2316004-007	• UNION -----	2	A	
-49	AN960D1716L	• WASHER -----	2	A	
	MS29512-12	• GASKET-O RING -----	2	A	
-50	AN924-12D	• NUT -----	1	M	
-51	601002-12D-0073	• HOSE ASSEMBLY-FUEL CROSSOVER -----	1	N	
	950004-12D-0320	• HOSE ASSEMBLY-FUEL CROSSOVER -----	1	N	
-52	AN815-12D	• UNION -----	1	A	
-53	2316004-002	• TUBE ASSEMBLY-FUEL CROSSOVER -----	1	A	
-54	50BSH-4H	• VALVE-DRAIN FOR SPARES ORDER			
	2380065-001	• VALVE-DRAIN -----	2	X	
	MS29512-4	• GASKET-O RING DRAIN VALVE -----	2	Y	
-55	2316004-003	• TUBE ASSEMBLY-FUEL CROSSOVER -----	1	A	
-56	AN834-12D	• TEE -----	1	A	
-57	950004-12D-0160	• HOSE ASSEMBLY-FUEL CROSSOVER -----	1	M	
	950004-12D-0120	• HOSE ASSEMBLY-FUEL CROSSOVER -----	1	N	
	AN924-12D	A • NUT -----	1	A	
	AN960D1716	A • WASHER -----	1	A	
-58	950004-8D-0180	A • HOSE ASSEMBLY-FUEL CROSSOVER -----	1	A	
	NAS1564D12-8	A • REDUCER -----	1	A	
	AN818-12D	A • NUT-COUPLING -----	1	A	
-59	2316003-093	• TUBE ASSEMBLY-FUSEL FUEL -----	1	P	
-60	2316003-095	• TUBE ASSEMBLY-FUSEL FUEL -----	1	P	
-61	AN815-8D	• UNION -----	1	P	
-62	2316003-066	• TUBE ASSEMBLY-FUSEL FUEL -----	1	Q	
-63	AN833-8D	• ELBOW -----	1	A	
-64	AN924-8D	• NUT -----	1	A	
-65	AN938-8D	• TEE -----	1	A	
	MS29512-8	• GASKET-O RING -----	3	A	
-66	AN893-3D	• REDUCER -----	1	A	
-67	AN815-8D	• UNION -----	1	A	
-68	2316003-051	• TUBE ASSEMBLY-FUSEL FUEL -----	1	A	
-69	NAS1564D12-8	• REDUCER -----	2	A	
	AN818-12D	• NUT -----	2	A	
-70	950012-8D-0226	• HOSE ASSEMBLY-FUSEL FUEL -----	1	D	
	360-8D-0350	• HOSE ASSEMBLY-FUSEL FUEL -----	1	E	
	2316003-121	• HOSE ASSEMBLY-FUSEL FUEL ALT FOR			
	360-8D-0350	• FITTING -----	1	E	
-71	2316003-003	• GASKET-O RING -----	1	D	
-72	2316003-011	• TUBE ASSEMBLY-PUMP DRAIN -----	1	D	
-73	2316003-002	• FITTING -----	1	D	
	MS29512-4	• GASKET-O RING -----	1	D	
-74	AN833-8D	• ELBOW -----	1	E	
	AN924-8D	A • NUT -----	1	E	
	AN960D1216L	A • WASHER -----	1	E	
-75	2316018-004	• TUBE ASSEMBLY-FUSELAGE TANK -----	1	E	
-76	2316018-002	• TUBE ASSEMBLY-PUMP DRAIN -----	1	E	
-77	AN815-4D	• UNION -----	1	E	
	MS29512-4	• GASKET-O RING -----	1	E	
-78	AN815-16	• UNION -----	1	A	
	MS29512-16	• GASKET-O RING -----	1	A	

CONTINUED

A---ATTACHING PARTS

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
55 -79	AN939-16	• ELBOW -----	1	A	
-80	AN818-160	• NUT -----	1	A	
-81	2351043-001	• NUT -----	1	A	
	MS29512-16	• GASKET-O RING -----	2	A	
-82	2352000-030	• SPACER -----	1	A	
-83	2352000-003	• PLATE -----	1	A	
	AN3-4A	A • BOLT -----	4	A	
-84	AN837-16	• ELBOW -----	1	A	
-85	NAS1564-12-16	• REDUCER -----	1	A	
-86	2316003-055	• TUBE ASSEMBLY-RH ENGINE -----	1	A	
-87	AN783012	• TEE -----	1	A	
-88	AN893-40	• REDUCER -----	1	A	
	MS29512-12	• GASKET-O RING -----	1	A	
	MS29512-4	• GASKET-O RING -----	1	A	
-89	2316003-059	• TUBE ASSEMBLY-RH ENGINE -----	1	H	
	2316003-088	• TUBE ASSEMBLY-RH ENGINE -----	1	J	
-90	AN919-230	• REDUCER -----	2	H	
	AN815-120	• UNION -----	2	J	
	MS29512-16	• GASKET-O RING -----	2	H	
	MS29512-12	• GASKET-O RING -----	2	J	
-91	2316003-057	• TUBE ASSEMBLY-RH ENGINE -----	1	H	
	2316003-090	• TUBE ASSEMBLY-RH ENGINE -----	1	J	
-92	BJ1000AHSI	• VALVE-DRAIN -----	2	R	
	50BSH-4	• VALVE-DRAIN FOR SPARES ORDER			
	2380065-001	2380065-001 -----	2	S	
	2380065-001	• VALVE-DRAIN -----	2	Z	
	MS29512-4	• GASKET-O RING -----	2	A	
-93	1/4 INCH	• TUBING-TYCON -----	2	H	
	2316003-092	• HOSE -----	2	J	
	A6	A • CLAMP -----	2	A	
	MS21919DG6	A • CLAMP -----	2	A	
	AN3-4A	A • BOLT -----	2	A	
-94	AN893-20	• REDUCER -----	2	J	
	MS29512-6	• GASKET-O RING -----	2	J	
-95	AN815-120	• UNION -----	1	A	
-96	2316003-070	• TUBE ASSEMBLY-RH ENGINE TEE -----	1	A	
-97	AN815-40	• UNION -----	1	A	
	MS29512-4	• GASKET-O RING -----	1	A	
-98	2316003-076	• TUBE ASSEMBLY-RELIEF VALVE -----	1	A	
-99	5139A-4TT-75	• VALVE-RELIEF -----	1	A	
-100	2316003-074	• TUBE ASSEMBLY-PRESSURE RELIEF -----	1	A	
-101	50BSH-4G	• VALVE-DRAIN FOR SPARES ORDER			
	2380065-001	2380065-001 -----	1	X	
	2380065-001	• VALVE-DRAIN -----	1	Y	
	MS29512-4	• GASKET-O RING DRAIN VALVE -----	1	A	
-102	601000-120-0130	• HOSE ASSEMBLY -----	1	A	
-103	AN815-80	• UNION -----	1	A	
-104	2316003-015	• TUBE ASSEMBLY-RH ENGINE -----	1	V	
-105	AN837-120	• ELBOW -----	1	A	
	AN924-120	• NUT -----	1	A	
-106	2316003-064	• TUBE ASSEMBLY -----	1	A	
-107	NAS1564D16-10	• REDUCER -----	1	A	
	AN818-160	• NUT -----	1	A	
-108	950012-100-0220	• HOSE ASSEMBLY-CROSSOVER FUEL -----	1	A	
-109	2316003-118	• TUBE ASSEMBLY-LH ENGINE -----	1	E	
	AN815-120	• UNION -----	1	E	
-110	2316003-038	• TUBE-FUEL CELL INTERCONNECT -----	3	A	
	MS35842-2	A • CLAMP ASSEMBLY -----	3	T	
	WWD46	A • CLAMP -----	3	U	
	AN737TW47	A • CLAMP ALTERNATE FOR WWD-46 -----	3	U	
-111	1G134-2	• SWITCH-FUSELAGE TANK LOW FUEL PRESSURE			
	PSW5	PSW5 -----	1	A	
-112	SEE FIGURE 52	• HOSE ASSEMBLY-MAIN FUEL -----	2	A	
		• DRAIN INSTL-WING CENTER SECTION -----	1	AE	
-121	66P	• TUBE-DRAIN BULK LENGTH 12 INCHES -----	2	AE	
	MS21919DF6	A • CLAMP -----	2	AE	
	AN526-1032-7	A • SCREW -----	2	AE	
	MS20364-1032	A • NUT -----	2	AE	
-122		• DOOR INSTL-FUSELAGE FUEL CELL ACCESS -----	1	A	
	2416009-002	• DOOR-ACCESS LH CELL UPPER -----	1	A	
	AN4H5A	A • BOLT -----	12	A	
	AN960D416L	A • WASHER -----	12	A	
	FCA25751	A • GASKET-ACCESS DR LH UPPER			
	6600327-008	FOR SPARES USE 6600327-008 -----	2	A	
	SEE FIGURE 64	• GASKET-ACCESS DR LH UPPER -----	2	AJ	
	SEE FIGURE 65	• DOOR & VENT ASSY RH CELL UPPER -----	REF	AF	
	2416009-001	• DOOR-ACCESS LH & RH CELL LOWER -----	2	A	
	AN4-5A	A • BOLT -----	24	A	
	AN960D416L	A • WASHER -----	24	A	
	FCB25752	A • GASKET-ACCESS DR L & R LOWER			
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
55 -	6600327-002	FOR SPARES USE 6600327-002 ----- . . GASKET-ACCESS DR L & R LOWER -----	2 2	A AK	
		A 003 THRU 069 EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS			
		B 015 THRU 069 EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS			
		C 003 THRU 014 EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS			
		D 003 THRU 047 EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS			
		E 048 THRU 069 EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS			
		H 003 THRU 027 EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS			
		J 028 THRU 069 EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS			
		K 028 THRU 049 EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS			
		L 050 THRU 069 EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS			
		M 003 THRU 017 EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS			
		N 018 THRU 069 EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS			
		P 003 THRU 029 EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS			
		Q 030 THRU 069 EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS			
		R 003 THRU 008 EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS			
		S 009 THRU 069 EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS			
		T 003 THRU 009 EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS			
		U 010 THRU 069 EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS			
		V 003 THRU 069 WHEN EQUIPPED WITH STELLAR PUMPS EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS			
		W 003 THRU 069 WHEN EQUIPPED WITH LEAR ROMEC PUMPS EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS			
		X 003 THRU 069 EXCEPT A/C MOD PER SK23-190 OR EQUIPPED WITH EJECTOR FUEL PUMPS			
		Y 003 THRU 069 WHEN MOD PER SK23-190 EXCEPT WHEN EQUIPPED WITH EJECTOR FUEL PUMPS			
		Z SPARE FOR 50BSH-4			
		AA 003 THRU 069 EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS OR MOD PER SK23-165			
		AB 003 THRU 069 WHEN MOD PER SK23-165 EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS			
		AC SPARE FOR 6600080-004			
		AD SPARE FOR 6600080-002			
		AE 003 THRU 069 WHEN MOD PER AMK70-5 EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS			
		AF SEE REF FIGURE FOR USAGE			
		AG SPARE FOR 6600028-001 BLADDER ASSY			
		AH SPARE FOR 6600028-002 BLADDER ASSY			
		AJ SPARE FOR FCA25751 GASKET			
		AK SPARE FOR FCB25752 GASKET			
		A---ATTACHING PARTS			

LIMITED EFFECTIVITY Serial Code A

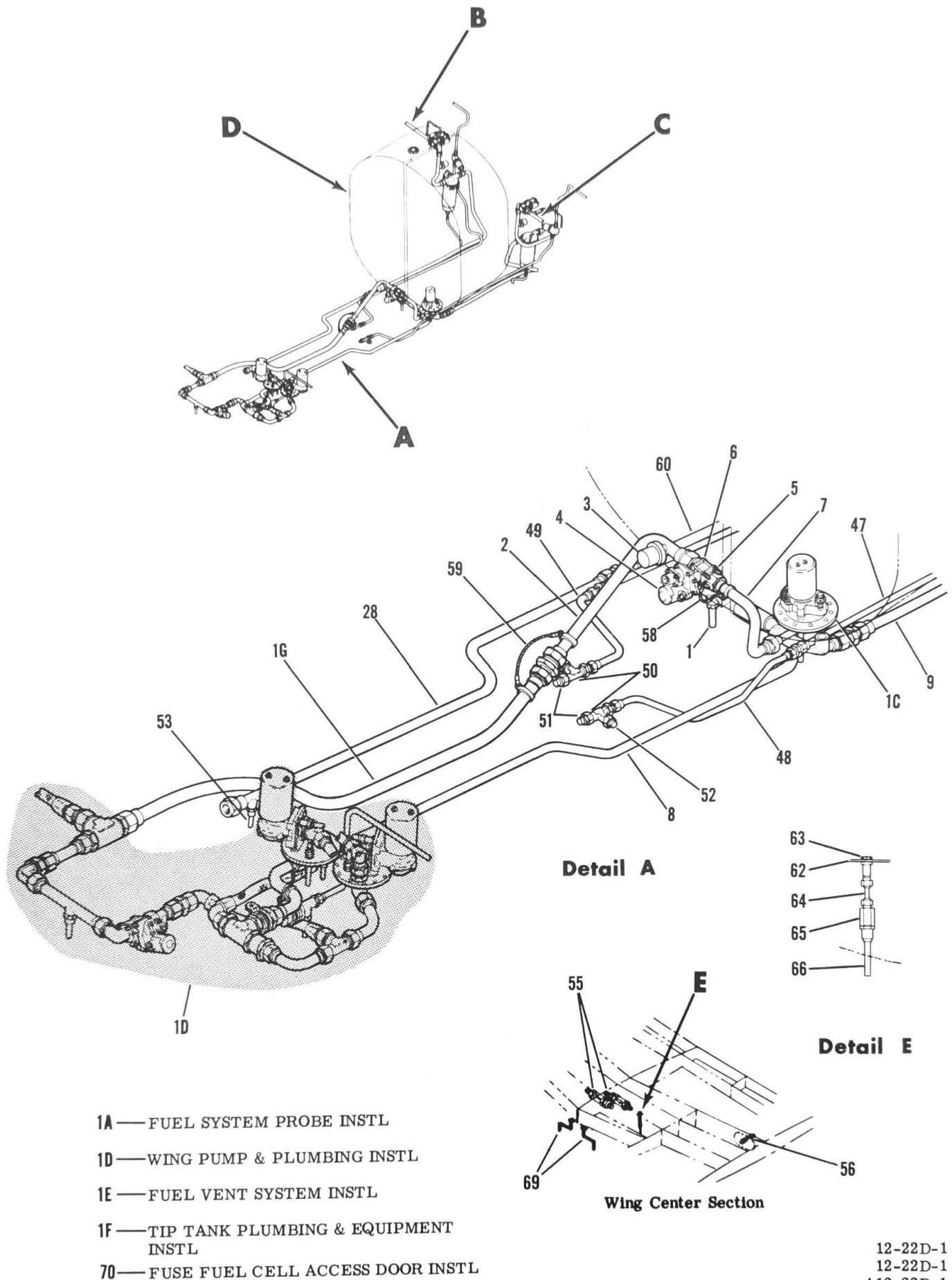
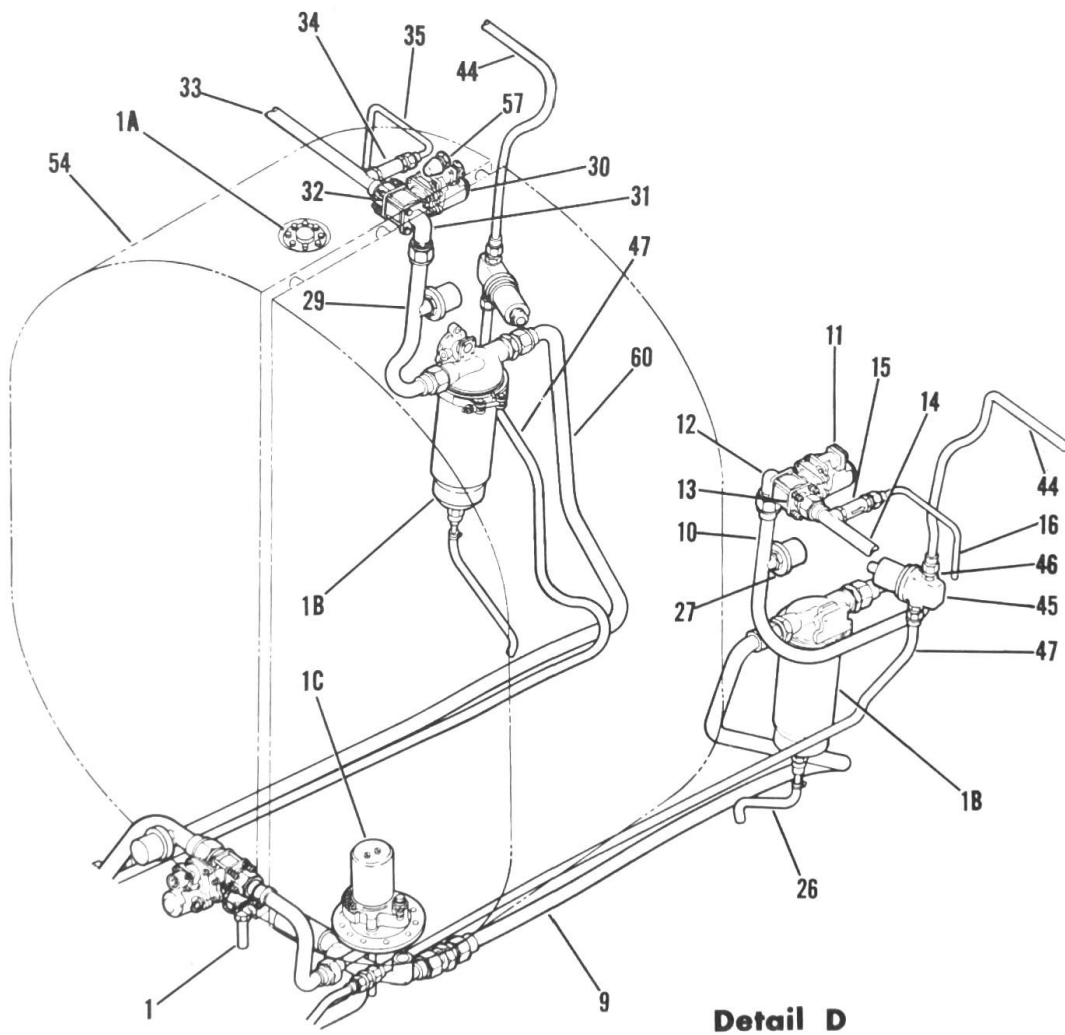
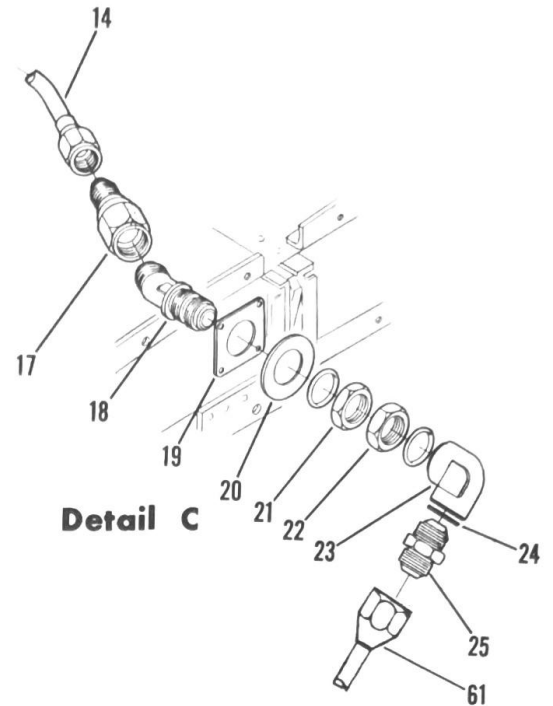
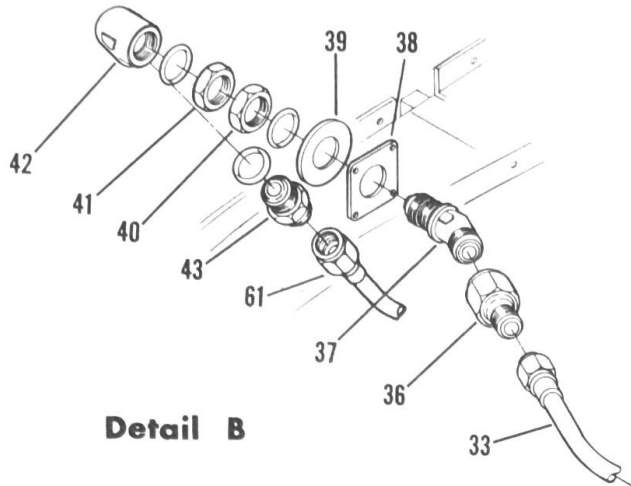


Figure 56. Fuel System Installation (Sheet 1 of 2)

12-22D-1  
 12-22D-1  
 A12-22D-1  
 E12-22D-3



B12-16B  
C12-16B  
D12-22D-1

Figure 56. Fuel System Installation (Sheet 2 of 2)

LIMITED EFFECTIVITY Serial Code A



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
56 -		FUEL SYSTEM INSTALLATION		A	
-1	SEE FIGURE 57	• CROSSOVER INSTL-FUSELAGE FUEL -----	1	A	
		• CONNECTING PARTS -----			
	AN815-16D	• • UNION -----	1	A	
-1A	SEE FIGURE 58	• PROBE INSTL-FUEL SYSTEM -----	1	A	
-1B	SEE FIGURE 59	• FILTER INSTL-FUEL SYSTEM -----	1	A	
-1C	SEE FIGURE 60	• FUEL PUMP INSTL-FUSELAGE -----	1	A	
-1D	SEE FIGURE 63	• PUMP & PLUMBING INSTL-WING -----	1	A	
-1E	SEE FIGURE 64	• FUEL VENT SYSTEM INSTALLATION -----	1	G	
	SEE FIGURE 65	• FUEL VENT SYSTEM INSTALLATION -----	1	H	
-1F	SEE FIGURE 66	• TIP TANK PLUMBING & EQUIPMENT INSTL -----	1	A	
-1G	2316021-006	• TUBE ASSY-FUSELAGE FUEL TANK -----	1	A	
-2	2316030-001	• TUBE ASSY-FUSELAGE FUEL TANK -----	1	A	
-3	1G134-2	• SWITCH-FUSELAGE TANK LOW FUEL PRESSURE -----	1	A	
	2380078-010	• VALVE ASSY-FUSELAGE TANK FUEL XFER -----	1	A	
-4	AV2481119B	• • VALVE WHEN EXHAUSTED USE 230595 -----	1	A	
	230595	• • VALVE ALT FOR AV2481119B -----	1	A	
-5	MS20760D12-16	• • CONNECTOR -----	1	A	
-6	MS20760D16	• • CONNECTOR -----	1	A	
	NAS428-3-24	A • • BOLT -----	4	A	
	AN960D10	A • • WASHER -----	8	A	
	AN960D10	A • • WASHER -----	4	A	
	MS20365-1032	A • • NUT -----	4	A	
-7	2316021-014	• TUBE ASSY-FUEL PUMP SUPPLY -----	1	A	
-8	2316032-001	• TUBE ASSY-WING TO ENGINE LH -----	1	A	
		• CONNECTING PARTS -----			
	AN815-12D	• • UNION -----	2	A	
-9	2316003-117	• TUBE ASSY-FUEL FILTER LH -----	1	A	
		• CONNECTING PARTS -----			
	AN815-12D	• • UNION -----	1	A	
	MS29512-12	• • GASKET-O RING -----	1	A	
-10	2316029-001	• TUBE ASSY-PRESSURE SWITCH LH -----	1	A	
	2380078-008	• VALVE ASSY-MAIN FUEL SHUT OFF LH ENG -----	1	A	
-11	AV2481119B	• • VALVE WHEN EXHAUSTED USE 230595 -----	1	A	
	230595	• • VALVE ALT FOR AV2481119B -----	1	A	
-12	MS20762D12-16	• • ELBOW-SWIVEL -----	1	A	
-13	MS20760D12-16	• • CONNECTOR -----	1	A	
	NAS428-3-24	A • • BOLT -----	4	A	
	AN960D10	A • • WASHER -----	8	A	
	AN315-3R	A • • NUT -----	4	A	
	MS20365-1032	A • • NUT -----	4	A	
-14	2316034-001	• TUBE ASSY-PYLON LH -----	1	A	
-15	5139A-4TT-75	• VALVE-RELIEF -----	1	A	
	MS29512-4	• GASKET-O RING -----	2	A	
-16	2316021-010	• TUBE ASSY-DRAIN -----	1	A	
-17	NAS1564-12-16	• REDUCER -----	1	A	
-18	AN837-16	• ELBOW -----	1	A	
-19	2352000-003	• PLATE -----	1	A	
	AN3-4A	A • • BOLT -----	4	A	
-20	2352000-030	• SPACER -----	1	A	
	MS29512-16	• GASKET-O RING -----	1	A	
-21	2351043-001	• NUT -----	1	A	
-22	AN818-16D	• NUT -----	1	A	
-23	AN939-16	• ELBOW -----	1	A	
-24	MS29512-16	• GASKET-O RING -----	2	A	
-25	AN815-16	• UNION -----	1	A	
-26	2316003-092	• HOSE FILTER DRAIN -----	2	A	
-27	1G134-1	• SWITCH-ENGINE LOW FUEL PRESS L & R -----	2	A	
-28	2316033-001	• TUBE ASSY-WING TO ENGINE RH -----	1	A	
		• CONNECTING PARTS -----			
	AN815-12D	• • UNION -----	1	A	
	MS29512-12	• • GASKET-O RING -----	1	A	
-29	2316028-001	• TUBE ASSY-PRESSURE SWITCH RH -----	1	B	
	2316028-003	• TUBE ASSEMBLY-PRESSURE SWITCH RH -----	1	C	
		• CONNECTING PARTS -----			
	AN815-12D	• • UNION -----	2	A	
	MS29512-12	• • GASKET-O RING -----	1	A	
	2380078-009	• VALVE ASSY-MAIN FUEL SHUT OFF RH ENG -----	1	A	
-30	AV2481119B	• • VALVE WHEN EXHAUSTED USE 230595 -----	1	A	
	230595	• • VALVE ALT FOR AV2481119B -----	1	A	
-31	MS20762D12-16	• • ELBOW-SWIVEL -----	1	A	
-32	MS20760D12-16	• • CONNECTOR -----	1	A	
	NAS428-3-24	A • • BOLT -----	4	A	
	AN960D10	A • • WASHER -----	8	A	
	AN315-3R	A • • NUT -----	4	A	
	MS20365-1032	A • • NUT -----	4	A	
-33	2316034-002	• TUBE ASSY-PYLON RH -----	1	A	
-34	5139A-4TT-75	• VALVE-RELIEF RH -----	1	A	
	MS29512-4	• GASKET-O RING -----	2	A	
-35	2316021-012	• TUBE ASSY-DRAIN RH -----	1	A	
-36	NAS1564-12-16	• REDUCER -----	1	A	
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
56 -37	AN837-16	. ELBOW -----	1	A	
-38	2352000-003	. PLATE -----	1	A	
	AN3-4A	A . BOLT -----	4	A	
-39	2352000-030	. SPACER -----	1	A	
	MS29512-12	. GASKET-O RING -----	1	A	
-40	2351043-001	. NUT -----	1	A	
-41	AN818-16D	. NUT -----	1	A	
-42	AN939-16	. ELBOW -----	1	A	
	MS29512-16	. GASKET-O RING -----	2	A	
-43	AN815-16	. UNION -----	1	A	
-44	2316021-028	. TUBE ASSY-PRESSURE LH -----	1	A	
	2316021-030	. TUBE ASSY-PRESSURE RH -----	1	A	
-45	2380094-001	. VALVE-SHUT OFF -----	2	A	
-46	AN815-6D	. UNION -----	4	A	
	MS29512-6	. GASKET-O RING -----	4	A	
-47	2316021-016	. TUBE ASSY-PRESSURE LH -----	1	A	
	2316021-018	. TUBE ASSY-PRESSURE RH -----	1	A	
-48	2316021-024	. TUBE ASSY-PRESSURE LH -----	1	A	
-49	2316021-026	. TUBE ASSY-PRESSURE RH -----	1	A	
		. CONNECTING-PARTS			
	AN815-6D	. . UNION -----	2	A	
-50	AN783D6	. TEE -----	2	A	
	AN924-6D	. NUT -----	2	A	
-51	AN929-4D	. CAP -----	2	A	
-52	AN929-6D	. CAP -----	2	A	
-53	508 SH-4G	. VALVE-DRAIN FOR SPARES ORDER			
		2380065-001 -----	2	E	
	2380065-001	. VALVE-DRAIN -----	2	F	
	MS29512-4	. GASKET-O RING -----	2	A	
-54	6600080-004	. BLADDER ASSEMBLY-FUEL CELL LH WHEN			
		EXHAUSTED USE 6600080-005 -----	1	A	
	6600080-005	. BLADDER ASSEMBLY-FUEL CELL LH -----	1	L	
	6600080-002	. BLADDER ASSEMBLY-FUEL CELL RH WHEN			
		EXHAUSTED USE 6600080-006 -----	1	A	
	6600080-006	. BLADDER ASSEMBLY-FUEL CELL RH -----	1	M	
-55	830A-16TT-56	. VALVE-CHECK WHEN EXHAUSTED USE			
		832A-16TT-56 -----	2	A	
	832A-16TT-56	. VALVE-CHECK ALT FOR 830A-16TT-56 -----	2	A	
	AN924-16D	A . NUT -----	2	A	
	AN960PD2116L	A . WASHER -----	2	A	
-56	GIF-5400-3	. SWITCH-FLOAT WING -----	2	A	
	GIF-5400-20	. SWITCH-FLOAT WING ALT FOR			
		GIF-5400-3 -----	2	A	
-57	GIF-5400-3	. SWITCH-FLOAT FUSEL LSW1 -----	1	A	
	MS29512-5	. GASKET-O RING -----	1	A	
	AN935-816	. WASHER -----	1	A	
-58	MS25083-18B4	. JUMPER-BOND -----	1	D	
	AN742D12	A . CLAMP -----	1	D	
	AN520-10R8	A . SCREW -----	1	D	
	MS20364-1032	A . NUT -----	1	D	
-59	MS25083-18B6	. JUMPER-BOND -----	1	D	
	AN742D16	A . CLAMP -----	2	D	
	AN520-10R8	A . SCREW -----	2	D	
	MS20364-1032	A . NUT -----	2	D	
-60	2316003-090	. TUBE ASSEMBLY-RH ENGINE -----	1	A	
		. CONNECTING PARTS			
	AN815-12D	. . UNION -----	1	A	
	MS29512-12	. . GASKET-O RING -----	1	A	
-61	SEE FIGURE 52	. HOSE ASSEMBLY-MAIN FUEL -----	2	A	
-62	SEE FIGURE 58	. DRAINS INSTL-WING FUEL PROBE ACCESS -----	1	A	
-63	2326019-001	. . DOOR ASSEMBLY-WING FUEL PROBE ACCESS -----	REF	A	
	AN924-3D	. . FITTING-DRAIN -----	2	A	
-64	2326016-011	. . NUT -----	2	A	
		. . TUBE ASSEMBLY-DRAIN FOR SPARES			
		USE 2326039-018 -----	2	A	
	2326039-018	. . TUBE ASSEMBLY-DRAIN -----	2	A	
-65	AN894D4-3	. . BUSHING -----	2	A	
-66	2380065-001	. . VALVE-DRAIN -----	2	A	
	MS29512-4	. . GASKET-O RING -----	2	A	
		. DRAIN INSTL-WING CENTER SECTION -----	1	J	
-69	66P	. . TUBE-DRAIN BULK LENGTH 12 INCHES -----	2	J	
	MS21919DF6	A . . CLAMP -----	2	J	
	AN526-1032-7	A . . SCREW -----	2	J	
	MS20364-1032	A . . NUT -----	2	J	
-70		. . DOOR INSTL-FUSELAGE FUEL CELL ACCESS -----	1	A	
	2416009-002	. . DOOR-ACCESS LH CELL UPPER -----	1	A	
	AN4H5A	A . . BOLT -----	12	A	
	AN960D416L	A . . WASHER -----	12	A	
	FCA25751	A . . GASKET-ACCESS DR LH UPPER			
		FOR SPARES USE 6600327-008 -----	1	A	
	6600327-008	. . GASKET-ACCESS OR LH UPPER -----	1	N	
		CONTINUED			
		A---ATTACHING PARTS			

LIMITED EFFECTIVITY Serial Code A



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
56 -	SEE FIGURE 64 SEE FIGURE 65 2416009-001 AN4-5A AN960D416L FCB25752	<ul style="list-style-type: none"> <li>• • DOOR &amp; VENT ASSY RH CELL UPPER -----</li> <li>• • DOOR-ACCESS LH &amp; RH CELL LOWER -----</li> <li>A • • BOLT -----</li> <li>A • • WASHER -----</li> <li>A • • GASKET-ACCESS DR L &amp; R LOWER -----</li> <li>FOR SPARES USE 6600327-002 -----</li> <li>• • GASKET-ACCESS DR L &amp; R LOWER -----</li> </ul>	REF 2 24 24	K A A A	
	6600327-002	<ul style="list-style-type: none"> <li>A 070 &amp; ON EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS</li> <li>B 070 THRU 084 EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS</li> <li>C 085 &amp; ON EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS</li> <li>D 090 &amp; ON &amp; A/C MOD PER SK23-201 EXCEPT WHEN EQUIPPED WITH EJECTOR FUEL PUMPS</li> <li>E 070 &amp; ON EXCEPT A/C MOD PER SK23-190 OR WHEN EQUIPPED WITH EJECTOR FUEL PUMPS</li> <li>F 070 &amp; ON WHEN MOD PER SK23-190 EXCEPT WHEN EQUIPPED WITH EJECTOR FUEL PUMPS</li> <li>G 070 THRU 079 EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS OR MOD PER SK23-165</li> <li>H 080 &amp; ON &amp; A/C MOD PER SK23-165 EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS</li> <li>J 070 &amp; ON WHEN MOD PER AMK70-5 EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS</li> <li>K SEE REF FIGURE FOR USAGE</li> <li>L SPARE FOR 6600080-004</li> <li>M SPARE FOR 6600080-002</li> <li>N SPARE FOR FCA25751</li> <li>P SPARE FOR FCB25752</li> </ul>	2 2	A P	
		A---ATTACHING PARTS			

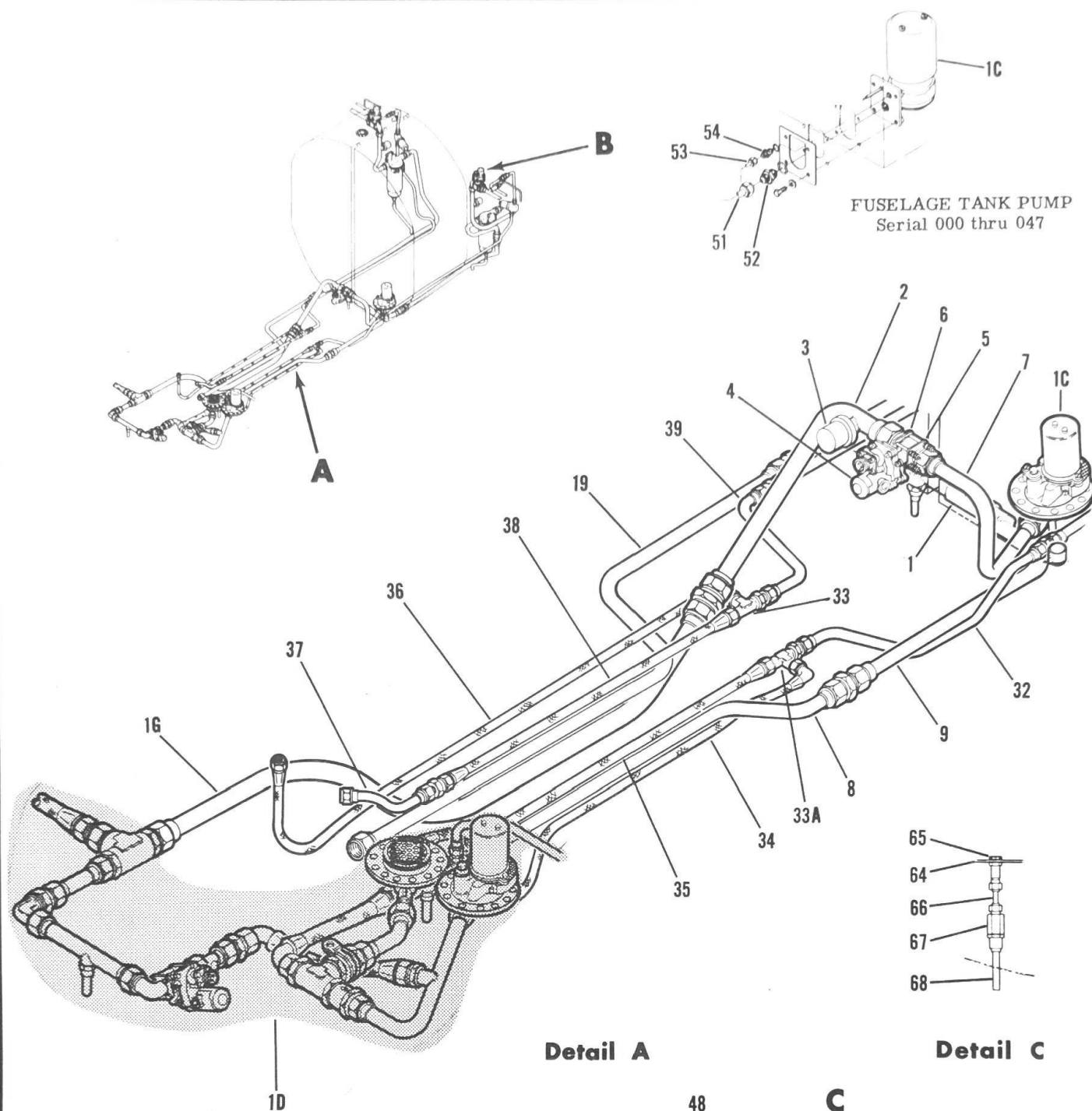
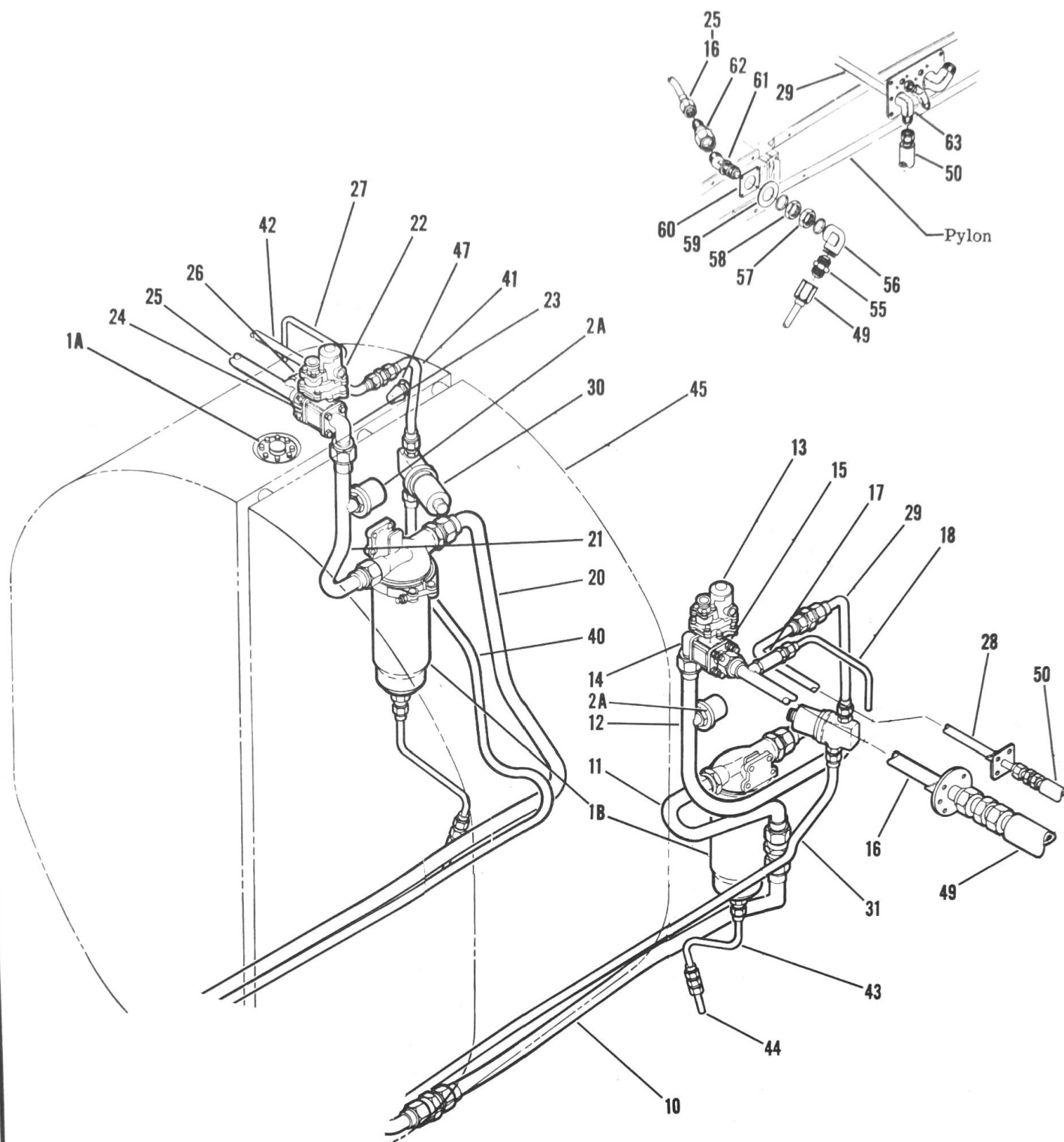


Figure 56A. Fuel System Installation (Sheet 1 of 2)

LIMITED EFFECTIVITY Serial Code A



**Detail B**

12-16B  
B12-22D-2

Figure 56A. Fuel System Installation (Sheet 2 of 2)

**LIMITED EFFECTIVITY Serial Code A**

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
56A-		FUEL SYSTEM INSTALLATION		A	
-1	SEE FIGURE 57	• CROSSOVER INSTL-FUSELAGE FUEL TANK -----	1	A	
-1A	SEE FIGURE 58	• PROBE INSTALLATION-FUEL SYSTEM -----	1	A	
	SEE FIGURE 59	• FILTER INSTALLATION-FUEL SYSTEM -----	1	A	
-1C	SEE FIGURE 60	• FUEL PUMP INSTALLATION-FUSELAGE -----	1	A	
-1D	SEE FIGURE 63A	• PUMP & PLUMBING INSTALLATION-WING -----	1	A	
-1E	SEE FIGURE 65	• FUEL VENT SYSTEM INSTALLATION -----	1	A	
-1F	SEE FIGURE 66	• TIP TANK PLUMBING & EQUIPMENT INSTL -----	1	A	
-1G	2316037-024	• TUBE ASSY-FUSELAGE TANK FUEL FWD -----	1	P	
	2516000-095	• TUBE ASSY-FUSELAGE TANK FUEL FWD -----	1	Q	
-2	2316030-001	• TUBE ASSY-FUSELAGE TANK FUEL AFT -----	1	P	
	2516000-098	• TUBE ASSY-FUSELAGE TANK FUEL AFT -----	1	Q	
		• CONNECTING PARTS			
	AN815-16D	• UNION -----	1	P	
	AN815-12D	• UNION -----	1	Q	
	AN837-12D	• ELBOW -----	1	Q	
	AN924-12D	• NUT -----	1	Q	
	MS29512-12	• GASKET-O RING -----	1	Q	
-2A	1G134-1	• SWITCH-ENGINE LOW FUEL PRESS L & R -----	2	A	
-3	1G134-2	• SWITCH-FUSELAGE TANK LOW FUEL PRESS -----	1	A	
		• CONNECTING PARTS			
	MS29512-4	• GASKET-O RING -----	1	A	
	2380078-010	• VALVE ASSY-FUSELAGE TANK XFER -----	1	P	
	2380078-002	• VALVE ASSY-FUSELAGE TANK XFER -----	1	Q	
-4	AV24811198	• VALVE WHEN EXHAUSTED USE 230595 -----	1	A	
	230595	• VALVE ALT FOR AV24811198 -----	1	A	
-5	MS20760D12-16	• CONNECTOR -----	1	A	
-6	MS20760D16	• CONNECTOR -----	1	T	
	MS20760D12-16	• CONNECTOR -----	1	U	
	NAS428-3-24	• BOLT -----	4	A	
	AN960D10	• WASHER -----	8	A	
	AN315-3R	• NUT -----	4	A	
	MS20365-1032	• NUT -----	4	A	
-7	2316037-006	• TUBE ASSY-FUSELAGE FUEL TANK -----	1	H	
-8	2316037-059	• TUBE ASSY-ENGINE FUEL LH -----	1	H	
	2381329-009	• TUBE ASSY-ENGINE FUEL LH -----	1	B	
		• CONNECTING PARTS			
	AN815-16D	• UNION -----	1	A	
-9	2316037-026	• TUBE ASSY-ENGINE FUEL LH -----	1	H	
	AN815-16D	• UNION -----	1	A	
-10	2316037-077	• TUBE ASSY-ENGINE FUEL LH -----	1	H	
	2381329-007	• TUBE ASSY-ENGINE FUEL LH -----	1	B	
		• CONNECTING PARTS			
	AN815-16D	• UNION -----	1	A	
-11	2316037-075	• TUBE ASSY-ENGINE FUEL LH -----	1	A	
-11A	AN919-23D	• REDUCER -----	4	A	
	MS29512-12	• GASKET-O RING -----	4	A	
-12	2316037-060	• TUBE ASSY-ENGINE FUEL LH -----	1	A	
	2380078-011	• VALVE ASSY-ENG FUEL SHUT OFF LH -----	1	A	
-13	AV24811198	• VALVE WHEN EXHAUSTED USE 230595 -----	1	A	
	230595	• VALVE ALT FOR AV24811198 -----	1	A	
-14	MS20762D12-16	• ELBOW-SWIVEL -----	1	A	
	MS20760D16	• CONNECTOR -----	1	A	
-15	MS20760D16	• CONNECTOR -----	1	A	
	NAS428-3-24	• BOLT -----	4	A	
	AN960D10	• WASHER -----	8	A	
	AN315-3R	• NUT -----	4	A	
	MS20365-1032	• NUT -----	4	A	
-16	2381331-005	• TUBE ASSY-ENGINE FUEL LH PYLON -----	1	J	
	2316036-008	• TUBE ASSY-ENGINE FUEL LH PYLON -----	1	G	
	2381239-005	• TUBE ASSY-ENGINE FUEL LH PYLON -----	1	K	
		• CONNECTING PARTS			
	AN821-16	• ELBOW -----	1	A	
-17	5139A-4TT-75	• VALVE-RELIEF -----	1	A	
		• CONNECTING PARTS			
	MS29512-4	• GASKET-O RING -----	2	A	
-18	2316037-039	• TUBE ASSEMBLY-DRAIN LH -----	1	L	
	2316021-010	• TUBE ASSEMBLY-DRAIN LH -----	1	M	
-19	2316037-008	• TUBE ASSY-ENGINE FUEL RH -----	1	P	
	2516000-094	• TUBE ASSY-ENGINE FUEL RH -----	1	Q	
		• CONNECTING PARTS			
	AN815-16D	• UNION -----	1	A	
-20	2316037-002	• TUBE ASSEMBLY-ENGINE FUEL RH -----	1	A	
-21	2316037-061	• TUBE ASSEMBLY-ENGINE FUEL RH -----	1	A	
	2380078-012	• VALVE ASSEMBLY-ENG FUEL SHUT OFF RH -----	1	A	
-22	AV24811198	• VALVE WHEN EXHAUSTED USE 230595 -----	1	A	
	230595	• VALVE ALT FOR AV24811198 -----	1	A	
-23	MS20762D16	• ELBOW-SWIVEL -----	1	A	
-24	MS20760D16	• CONNECTOR -----	1	A	
	NAS428-3-24	• BOLT -----	4	A	
	AN960D10	• WASHER -----	8	A	
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
56A-	AN315-3R	A . . NUT -----	4	A	
	MS20365-1032	A . . NUT -----	4	A	
-25	2316036-009	. TUBE ASSY-ENGINE FUEL RH PYLON -----	1	L	
	2381239-007	. TUBE ASSY-ENGINE FUEL RH PYLON -----	1	K	
	2381331-005	. TUBE ASSY-ENGINE FUEL RH PYLON -----	1	N	
		. CONNECTING PARTS -----			
-26	AN821-16	. . ELBOW -----	1	A	
	5139A-4TT-75	. VALVE-RELIEF -----	1	A	
		. CONNECTING PARTS -----			
-27	MS29512-4	. . GASKET-O RING -----	2	A	
	2316037-040	. TUBE ASSEMBLY-DRAIN RH -----	1	L	
	2316021-012	. TUBE ASSEMBLY-DRAIN RH -----	1	M	
-28	2381331-007	. TUBE ASSEMBLY-MOTIVE FLOW LH -----	1	F	
	2316035-001	. TUBE ASSEMBLY-MOTIVE FLOW LH -----	1	G	
		. CONNECTING PARTS -----			
-29	AN821-6	. . ELBOW -----	1	L	
	2316037-020	. TUBE ASSEMBLY-MOTIVE FLOW LH -----	1	L	
	2381329-012	. TUBE ASSEMBLY-MOTIVE FLOW LH -----	1	K	
	2316021-028	. TUBE ASSEMBLY-MOTIVE FLOW LH -----	1	N	
		. CONNECTING PARTS -----			
-30	AN815-6	. . UNION -----	1	L	
	AV16E1182	. VALVE-MOTIVE FLOW SHUTOFF -----	2	A	
		. CONNECTING PARTS -----			
-31	AN815-6D	. . UNION -----	4	A	
	MS29512-6	. . GASKET-O RING -----	4	A	
	2316037-018	. TUBE ASSEMBLY-MOTIVE FLOW LH -----	1	A	
		. CONNECTING PARTS -----			
-32	AN815-6D	. . UNION -----	1	A	
-33	2316021-024	. TUBE ASSEMBLY-MOTIVE FLOW LH -----	1	A	
-33A	AN804D6	. TEE RH -----	1	A	
	AN784D6	. TEE LH -----	1	P	
	AN783D6	. TEE LH -----	1	Q	
	AN924-6D	. NUT-MOTIVE FLOW TUBE ATTACHING -----	2	A	
-34	2307006-071	. HOSE ASSY-TIP TANK MOTIVE FLOW LH -----	1	P	
	2516000-051	. TUBE ASSY-TIP TANK MOTIVE FLOW LH -----	1	Q	
	2307006-088	. HOSE ASSY-TIP TANK MOTIVE FLOW LH -----	1	Q	
		. CONNECTING PARTS -----			
-35	AN815-4D	. . UNION -----	1	Q	
	2307006-073	. HOSE ASSY-WING EJECTOR PUMP MOTIVE FLOW LH WHEEL WELL -----	1	P	
	2516000-100	. TUBE ASSY-WING EJECTOR PUMP MOTIVE FLOW LH WHEEL WELL -----	1	Q	
	2307006-095	. HOSE ASSY-WING EJECTOR PUMP MOTIVE FLOW LH FWD -----	1	Q	
-36	2307006-070	. HOSE ASSY-TIP TANK MOTIVE FLOW RH -----	1	A	
-37	2316037-034	. TUBE ASSY-WING EJECTOR PUMP MOTIVE FLOW RH FWD -----	1	P	
	2307006-095	. HOSE ASSY-WING EJECTOR PUMP MOTIVE FLOW RH FWD -----	1	Q	
-38	2307006-072	. HOSE ASSY-WING EJECTOR PUMP MOTIVE FLOW RH WHEEL WELL -----	1	P	
	2516000-102	. TUBE ASSY-WING EJECTOR PUMP MOTIVE FLOW RH WHEEL WELL -----	1	Q	
-39	2316021-026	. TUBE ASSEMBLY-MOTIVE FLOW RH -----	1	A	
		. CONNECTING PARTS -----			
-40	AN815-6D	. . UNION -----	1	A	
-41	2316037-016	. TUBE ASSEMBLY-MOTIVE FLOW RH -----	1	A	
	2316037-044	. TUBE ASSEMBLY-MOTIVE FLOW RH -----	1	L	
	2316021-030	. TUBE ASSEMBLY-MOTIVE FLOW RH -----	1	M	
		. CONNECTING PARTS -----			
-42	AN815-6	. . UNION -----	1	A	
	2316035-002	. TUBE ASSEMBLY-MOTIVE FLOW RH -----	1	L	
		. CONNECTING PARTS -----			
-43	AN815-6	. . UNION -----	1	A	
-44	2316003-092	. HOSE ASSEMBLY-FUEL FILTER DRAIN -----	2	A	
	50B5H-4H	. VALVE-DRAIN -----	2	A	
		. CONNECTING PARTS -----			
-45	AN893-120	. . REDUCER -----	2	A	
	MS29512-6	. . GASKET-O RING -----	2	A	
	MS29512-4	. . GASKET-O RING -----	2	A	
	6600028-001	. BLADDER-FUEL CELL LH -----	1	B	
	6600080-004	. BLADDER-FUEL CELL LH WHEN EXHAUSTED USE 6600080-005 -----	1	H	
	6600080-005	. BLADDER-FUEL CELL LH -----	1	R	
	6600028-002	. BLADDER-FUEL CELL RH -----	1	B	
	6600080-002	. BLADDER-FUEL CELL RH WHEN EXHAUSTED USE 6600080-006 -----	1	H	
-46	6600080-006	. BLADDER-FUEL CELL RH -----	1	S	
	GIF-5400-3	. SWITCH-FLOAT WING TANK -----	2	A	
	GIF-5400-20	. SWITCH-FLOAT WING TANK ALT FOR GIF-5400-3 -----	2	A	
		CONTINUED			
		A---ATTACHING PARTS			

LIMITED EFFECTIVITY Serial Code A

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
56A-47	GIF-5400-3	• SWITCH-FLOAT FUSEL TANK LSWI -----	1	A	
	AN935-816	• CONNECTING PARTS -----	1	A	
	MS29512-5	• • WASHER -----	1	A	
-48	830A-16TT-56	• • GASKET-O RING -----			
		• VALVE-CHECK WHEN EXHAUSTED USE -----			
	832A-16TT-56	832A-16TT-56 -----	2	A	
	AN924-16D	• VALVE-CHECK ALT FOR 830A-16TT-56 -----	2	A	
	AN960PD2116L	A • NUT -----	2	A	
-49	SEE FIGURE 51	A • WASHER -----	2	A	
-50	SEE FIGURE 52	• HOSE ASSEMBLY-MAIN FUEL -----	REF	A	
	AN3350-1	• HOSE ASSEMBLY-MOTIVE FUEL -----	REF	A	
-51	2381329-004	• RELAY-FUSE PUMP K62 -----	1	A	
-52	2381329-014	• TUBE ASSY-FUSELAGE FUEL TANK -----	1	B	
	MS29512-12	• UNION -----	1	B	
-53	2316003-011	• GASKET-O RING -----	1	B	
-54	2316003-002	• TUBE ASSEMBLY-PUMP DRAIN -----	1	B	
	MS29512-4	• FITTING -----	1	B	
-55	AN815-16	• GASKET-O RING -----	1	B	
	MS29512-16	• UNION -----	2	K	
-56	AN939-16	• GASKET-O RING -----	6	K	
-57	AN818-16D	• ELBOW -----	2	K	
-58	2351043-001	• NUT -----	2	K	
-59	2352000-030	• NUT -----	2	K	
-60	2352000-003	• SPACER -----	2	K	
	AN3-4A	• PLATE -----	2	K	
-61	AN837-16	A • BOLT -----	8	K	
-62	NAS1564-12-16	• ELBOW -----	2	K	
-63	AN833-8	• REDUCER -----	2	K	
	AN960-1216	• ELBOW -----	2	M	
	AN924-8	• WASHER -----	2	M	
		• NUT -----	2	M	
-64	SEE FIGURE 58	• DRAINS INSTL-WING FUEL PROBE ACCESS -----	1	A	
-65	2326019-001	• • DOOR ASSEMBLY-WING FUEL PROBE ACCESS -----	REF	A	
	AN924-3D	• FITTING-DRAIN -----	2	A	
-66	2326039-018	• NUT -----	2	A	
-67	AN894D4-3	• TUBE ASSEMBLY-DRAIN -----	2	A	
-68	2380065-001	• BUSHING -----	2	A	
	50BHS-4H	• VALVE-DRAIN WHEN EXHAUSTED USE -----	2	A	
	MS29512-4	50BHS-4H -----	2	A	
		• VALVE-DRAIN -----	2	A	
-71	66P	• GASKET-O RING -----	2	A	
	MS21919DF6	• DRAIN INSTL-WING CENTER SECTION -----	1	V	
	AN526-1032-7	• TUBE-DRAIN BULK LENGTH 12 INCHES -----	2	V	
-72	MS20364-1032	• CLAMP -----	2	V	
		• SCREW -----	2	V	
		• NUT -----	2	V	
	2416009-002	• DOOR INSTL-FUSELAGE FUEL CELL ACCESS -----	1	A	
	AN4H5A	• DOOR-ACCESS LH CELL UPPER -----	1	A	
	FCA25751	A • BOLT -----	12	A	
	6600327-008	A • GASKET-ACCESS DR LH UPPER -----			
	SEE FIGURE 64	FOR SPARES USE 6600327-008 -----	2	A	
	SEE FIGURE 65	• GASKET-ACCESS DR LH UPPER -----	2	X	
	2416009-001	• • DOOR & VENT ASSY RH UPPER -----	REF	W	
	AN4-5A	• DOOR-ACCESS LH & RH LOWER -----	2	A	
	AN960D416L	A • BOLT -----	24	A	
	FCB25752	A • WASHER -----	24	A	
	6600327-002	A • GASKET-ACCESS DR L & R LOWER -----			
		FOR SPARES USE 6600327-002 -----	2	A	
		• GASKET-ACCESS DR L & R LOWER -----	2	Y	
		A 003 & ON WHEN EQUIPPED WITH EJECTOR FUEL PUMPS IN THE WING & TIP TANKS			
		B 003 THRU 047 WHEN MOD PER ECR 233, ECR 230, ECR 277, ECR 354, ECR 381, ECR 392 OR ECR 401			
		F 003 THRU 029 WHEN MOD PER ECR 233, ECR 277, ECR 381			
		G 030 & ON WHEN MOD PER ECR 233 OR ECR 227			
		H 048 & ON WHEN MOD PER 230, ECR 227 OR ECR 354			
		J 003 THRU 029 WHEN MOD PER ECR 233, ECR 381 OR ECR 277 & 040 & ON WHEN MOD PER ECR 354			
		K 003 THRU 039 WHEN MOD PER ECR 392 OR ECR 401			
		CONTINUED			
		A---ATTACHING PARTS			



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
56A-	L	003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381			
	M	003 & ON WHEN MOD PER ECR 354, ECR 392, OR ECR 401			
	N	040 & ON WHEN MOD PER ECR 354			
	P	003 & ON WHEN EQUIPPED WITH EJECTOR FUEL PUMPS IN THE WING & TIP TANKS & THE WING EJECTOR PUMP MOTIVE FLOW FUEL LINE IN THE WHEEL WELL IS A HOSE ASSY			
	Q	003 & ON WHEN EQUIPPED WITH EJECTOR FUEL PUMPS IN THE WING & TIP TANKS & THE WING EJECTOR PUMP MOTIVE FLOW FUEL LINE IN THE WHEEL WELL IS A TUBE ASSY PER 2481040 WHEEL WELL FUEL LINE MOD			
	R	SPARE FOR 6600080-004			
	S	SPARE FOR 6600080-002			
	T	USED ON 2380078-010			
	U	USED ON 2380078-002			
	V	003 & ON WHEN EQUIPPED WITH EJECTOR FUEL PUMPS IN THE WING & TIP TANKS & MOD PER AMK70-5			
	W	SEE REF FIGURE FOR USAGE			
	X	SPARE FOR FCA25751			
	Y	SPARE FOR FCB25752			
	A---ATTACHING PARTS				

LIMITED EFFECTIVITY Serial Code A



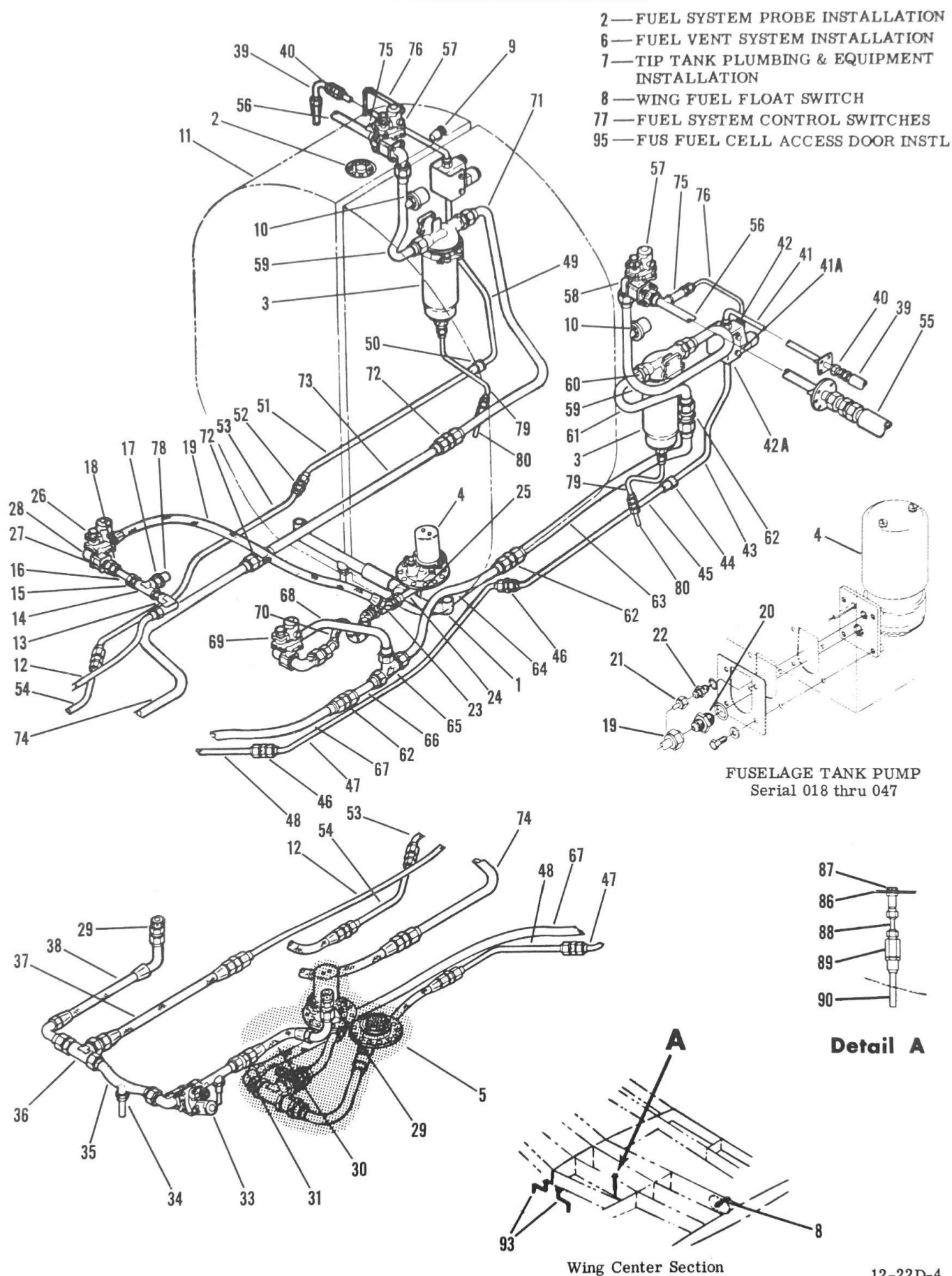


Figure 56B. Fuel System Installation

12-22D-4  
 12-3C  
 12-22D-1  
 12-22D-3

LIMITED EFFECTIVITY Serial Code A

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
56B-		FUEL SYSTEM INSTALLATION			
-1	SEE FIGURE 57	• CROSSOVER INSTL-FUSELAGE FUEL TANK -----	1	A	
-2	SEE FIGURE 58	• PROBE INSTL-FUEL SYSTEM -----	1	A	
-3	SEE FIGURE 59	• FILTER INSTL-FUEL SYSTEM -----	1	A	
-4	SEE FIGURE 60	• FUEL PUMP INSTL-FUSELAGE TANK -----	1	A	
-5	SEE FIGURE 63B	• WING FUEL PUMP & PLUMBING INSTL -----	1	A	
-6	SEE FIGURE 64	• FUEL VENT SYSTEM INSTL -----	1	E	
	SEE FIGURE 65	• FUEL VENT SYSTEM INSTL -----	1	F	
-7	SEE FIGURE 66	• TIP TANK PLUMBING & EQUIPMENT INSTL -----	1	A	
-8	GIF-5400-3	• SWITCH-FLOAT WING FUEL -----	2	A	
	GIF-5400-20	• SWITCH-FLOAT WING FUEL ALT FOR -----			
		GIF-5400-3 -----	2	A	
-9	GIF-5400-3	• SWITCH-FLOAT FUSELAGE FUEL -----	1	A	
	MS29512-5	• GASKET-O RING -----	1	A	
	AN935-816	• WASHER -----	1	A	
-10	1G134-2	• SWITCH-LOW PRESSURE ENGINE FUEL -----	2	A	
-11	6600028-001	• BLADDER ASSY-FUEL CELL LH -----	1	B	
	6600028-002	• BLADDER ASSY-FUEL CELL RH -----	1	B	
	6600080-004	• BLADDER ASSY-FUEL CELL LH WHEN -----			
		EXHAUSTED USE 6600080-005 -----	1	C	
	6600080-005	• BLADDER ASSY-FUEL CELL LH -----	1	H	
	6600080-002	• BLADDER ASSY-FUEL CELL RH WHEN -----			
		EXHAUSTED USE 6600080-006 -----	1	C	
	6600080-006	• BLADDER ASSY-FUEL CELL RH -----	1	J	
-12	2316003-066	• TUBE ASSY-FUSE FUEL -----	1	A	
-13	AN833-8D	• ELBOW -----	1	A	
	AN924-8D	• NUT -----	1	A	
-14	AN938-8D	• TEE -----	1	A	
	MS29512-8	• GASKET-O RING -----	3	A	
-15	AN815-8D	• UNION -----	1	A	
-16	2316003-051	• TUBE ASSY-FUSE TANK FUEL -----	1	A	
-17	AN893-3D	• REDUCER -----	1	A	
-18	NAS1564D12-8	• REDUCER -----	2	A	
	AN818-12D	• NUT -----	2	A	
-19	950012-8D-0226	• HOSE ASSY-FUSE TANK FUEL -----	1	B	
	360-8D-0350	• HOSE ASSY-FUSE TANK FUEL -----	1	C	
	2316003-121	• HOSE ASSY-FUSE TANK FUEL ALT FOR -----			
		360-8D-0350 HOSE ASSY -----	1	C	
-20	2316003-003	• FITTING -----	1	B	
	MS29512-12	• GASKET-O RING -----	1	B	
-21	2316003-011	• TUBE ASSY-PUMP DRAIN -----	1	B	
-22	2316003-002	• FITTING -----	1	B	
	MS29512-4	• GASKET-O RING -----	1	B	
-23	AN833-8D	• ELBOW -----	1	C	
	AN924-8D	• NUT -----	1	C	
	AN960D1216L	• WASHER -----	1	C	
-24	2316018-004	• TUBE ASSY-FUSE TANK FUEL -----	1	C	
-25	2316018-002	• TUBE ASSY-FUSE TANK FUEL PUMP DRAIN -----	1	C	
	AN815-4D	• UNION -----	1	C	
	MS29512-4	• GASKET-O RING -----	1	C	
-26	2380078-005	• VALVE ASSY-FUSELAGE TANK FUEL XFER -----	1	C	
	AV2481119B	• VALVE WHEN EXHAUSTED USE 230595 -----	1	C	
	230595	• VALVE ALT FOR AV2481119B -----	1	C	
-27	MS20756D12-16	• CONNECTOR-FIXED FLANGE -----	1	C	
-28	MS20762D12-16	• ELBOW-SWIVEL -----	1	C	
	MS20756D16	• FLANGE-SWIVEL -----	1	C	
	NAS428-3-24	A • BOLT -----	4	C	
	AN960D10	A • WASHER -----	8	C	
	AN315-3R	A • NUT -----	4	C	
	MS20365-1032	A • NUT -----	4	C	
-29	2316004-007	• UNION -----	2	A	
	AN960D1716L	• WASHER -----	2	A	
	MS29512-12	• GASKET-O RING -----	2	A	
	AN924-12D	• NUT -----	2	A	
-30	090-601040L0135	• HOSE ASSY-WING FUEL CROSSFLOW -----	1	A	
-31	AN815-12D	• UNION -----	1	A	
	2380078-007	• VALVE ASSY-WING FUEL CROSSOVER CONTROL -----	1	A	
-33	AV2481119B	• VALVE WHEN EXHAUSTED USE 230595 -----	1	A	
	230595	• VALVE ALT FOR AV2481119B -----	1	A	
	MS20760D12-16	• CONNECTOR-FIXED FLANGE -----	1	A	
	MS20762D12-16	• ELBOW-SWIVEL -----	1	A	
	MS20756D16	• FLANGE-SWIVEL -----	1	A	
	NAS428-3-24	A • BOLT -----	4	A	
	AN960D10	A • WASHER -----	8	A	
	AN315-3R	A • NUT -----	4	A	
	MS20365-1032	A • NUT -----	4	A	
-34	50BSH-4H	• VALVE-DRAIN -----	2	A	
	MS29512-4	• GASKET-O-RING -----	2	A	
-35	2316004-003	• TUBE ASSY-WING FUEL CROSSFLOW -----	1	A	
-36	AN834-12D	• TEE -----	1	A	
-37	2307006-096	• HOSE ASSY-WING FUEL CROSSFLOW -----	1	A	
		CONTINUED			
		A---ATTACHING PARTS			

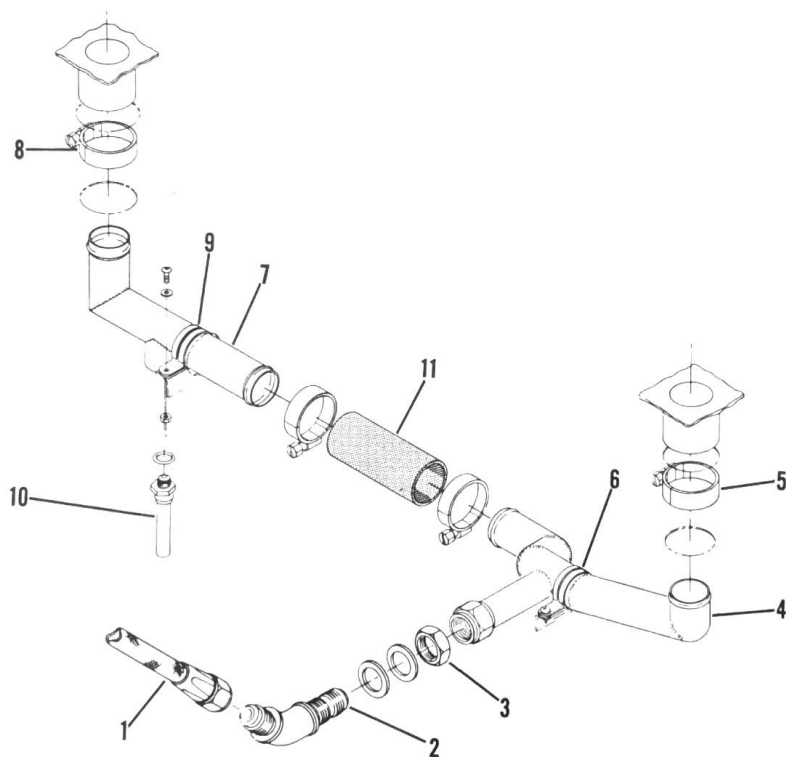
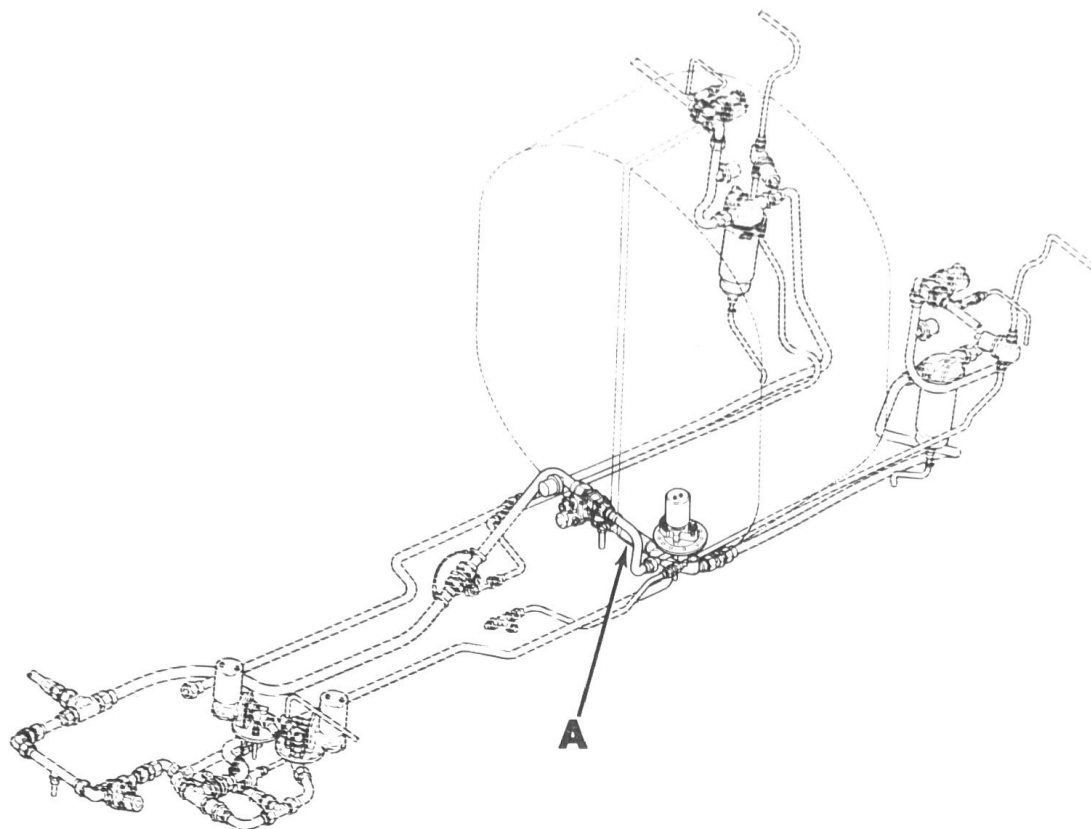
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				1 2 3 4 5 6 7	THRU
56B-	AN924-120	• NUT -----	1		A
	AN96001716	• WASHER -----	1		A
-38	090-601040L0135	• HOSE ASSY-WING FUEL CROSSFLOW -----	1		A
-39	SEE FIGURE 51				
	SEE FIGURE 52				
-40	AN815-6C	• HOSE ASSY-MOTIVE FLOW -----	REF		D
-41	2481018-005	• UNION -----	2		A
	2481018-006	• TUBE ASSY-MOTIVE FLOW LH -----	1		A
	AN509-10R8	• TUBE ASSY-MOTIVE FLOW RH -----	1		A
	MS20365-1032	A • SCREW -----	4		A
	2481018-011	A • NUT -----	4		A
-41A	2481018-012	• BRACKET ASSY-MOTIVE FLOW VALVE LH -----	1		A
	AN3-5A	• BRACKET ASSY-MOTIVE FLOW VALVE RH -----	1		A
	AN960010	A • BOLT -----	4		A
	MS20365-1032	A • WASHER -----	4		A
-42	AV16E1182	A • NUT -----	4		A
	AN4H3A	• VALVE-MOTIVE FLOW SHUTOFF -----	2		A
	AN9600416	A • BOLT -----	8		A
-42A	AN815-6D	A • WASHER -----	8		A
-43	2481018-017	• UNION -----	2		A
-44	3608-60	• TUBE ASSY-MOTIVE FLOW LH -----	1		A
-45	2481018-021	• CONNECTOR-MOTIVE FLOW TUBE -----	1		A
-46	AN815-6D	• TUBE ASSY-MOTIVE FLOW LH -----	1		A
-47	2481018-025	• UNION -----	2		A
-48	2481018-029	• TUBE ASSY-MOTIVE FLOW LH -----	1		A
-49	2481018-018	• TUBE ASSY-MOTIVE FLOW RH -----	1		A
-50	3608-60	• CONNECTOR-MOTIVE FLOW TUBE -----	1		A
-51	2481018-022	• TUBE ASSY-MOTIVE FLOW RH -----	1		A
-52	AN815-6D	• UNION -----	2		A
-53	2481018-026	• TUBE ASSY-MOTIVE FLOW RH -----	1		A
-54	2481018-030	• TUBE ASSY-MOTIVE FLOW RH -----	1		A
-55	SEE FIGURE 51				
	SEE FIGURE 52				
-56	2316036-008	• HOSE ASSY-ENGINE FUEL -----	REF		D
	2316036-009	• TUBE ASSY-ENGINE FUEL LH -----	1		A
		• TUBE ASSY-ENGINE FUEL RH -----	1		A
		• CONNECTING PARTS -----			
	AN821-16	• ELBOW -----	1		A
	AN821-16C	• ELBOW ALT FOR AN821-16 -----	1		A
-57	2380078-011	• VALVE ASSY-ENGINE FUEL SHUTOFF -----	2		A
	AV24811198	• VALVE WHEN EXHAUSTED USE 230595 -----	1		A
-58	230595	• VALVE ALT FOR AV24811198 -----	1		A
	MS20756D16	• FLANGE-SWIVEL -----	1		A
	MS20756D16	• FLANGE-SWIVEL -----	1		A
	MS20760D16	• CONNECTOR -----	1		A
	NAS428-3-24	• BOLT -----	4		A
	AN960010	• WASHER -----	8		A
	AN315-3R	• NUT -----	4		A
	MS20365-1032	• NUT -----	4		A
-59	2316037-060	• TUBE ASSY-ENGINE FUEL LH -----	1		A
	2316037-061	• TUBE ASSY-ENGINE FUEL RH -----	1		A
-60	AN919-23D	• REDUCER -----	4		A
	MS29512-12	• GASKET-O RING -----	4		A
-61	2316037-075	• TUBE ASSY-ENGINE FUEL LH -----	1		A
-62	AN815-16D	• UNION -----	4		A
-63	2316037-077	• TUBE ASSY-ENGINE FUEL LH -----	1		A
-64	2481019-003	• TUBE ASSY-ENGINE FUEL LH -----	1		A
-65	AN824-16D	• TEE -----	1		A
	NAS1564D16-12	• REDUCER -----	1		A
-66	2481019-005	• TUBE ASSY-ENGINE FUEL LH -----	1		A
-67	2316037-059	• TUBE ASSY-ENGINE FUEL LH -----	1		A
-68	2307006-098	• HOSE ASSY-FUSE TANK REFUEL -----	1		A
	2380078-006	• VALVE ASSY-FUSELAGE TANK REFUEL -----	1		A
-69	AV24811198	• VALVE WHEN EXHAUSTED USE 230595 -----	1		A
	230595	• VALVE ALT FOR AV24811198 -----	1		A
	MS20756D16	• FLANGE-SWIVEL -----	2		A
	MS20762D16	• ELBOW-SWIVEL -----	2		A
	MS20762D12-16	• ELBOW-SWIVEL -----	1		A
	NAS428-3-24	A • BOLT -----	4		A
	AN960010L	A • WASHER -----	8		A
	AN315-3R	A • NUT -----	4		A
	MS20365-1032	A • NUT -----	4		A
-70	2307006-097	• HOSE ASSY-FUSE TANK REFUEL -----	1		A
-71	2316037-066	• TUBE ASSY-ENGINE FUEL RH -----	1		A
-72	AN815-16D	• UNION -----	3		A
-73	2316037-070	• TUBE ASSY-ENGINE FUEL RH -----	1		A
-74	2516000-094	• TUBE ASSY-ENGINE FUEL RH -----	1		A
-75	5139A-4TT-75	• VALVE-RELIEF -----	2		A
	MS29512-4	• GASKET-O RING RELIEF VALVE -----	4		A
-76	2316037-063	• TUBE ASSY-RELIEF VALVE DRAIN LH -----	1		A
	2316037-064	• TUBE ASSY-RELIEF VALVE DRAIN RH -----	1		A
-77	SEE FIGURE 47	• FUEL SYSTEM CONTROL SWITCHES -----	REF		A

CONTINUED

A---ATTACHING PARTS

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
56B-78	1G134-2	• SWITCH-FUSE TANK PRESSURE -----	1	A	
-79	2316037-045	• TUBE ASSEMBLY-FUEL FILTER DRAIN LH -----	1	A	
	2316037-047	• TUBE ASSEMBLY-FUEL FILTER DRAIN RH -----	1	A	
		• CONNECTING PARTS -----			
	AN919-5D	• • REDUCER -----	2	A	
	MS29512-6	• • GASKET-O RING -----	2	A	
-80	50BSH-4H	• VALVE-DRAIN -----	2	A	
		• CONNECTING PARTS -----			
	AN894D4-3	• • BUSHING -----	2	A	
		• DRAINS INSTL-WING FUEL PROBE ACCESS -----	1	A	
-86	SEE FIGURE 58	• • DOOR ASSEMBLY-WING FUEL PROBE ACCESS -----	REF	A	
-87	2326019-001	• • FITTING-DRAIN -----	2	A	
	AN924-3D	A • • NUT -----	2	A	
-88	2326039-018	• • TUBE ASSEMBLY-DRAIN -----	2	A	
-89	AN894D4-3	• • BUSHING -----	2	A	
-90	2380065-001	• • VALVE-DRAIN WHEN EXHAUSTED USE -----			
		50BSH-4H -----	2	A	
	50BSH-4H	• • VALVE-DRAIN -----	2	A	
	MS29512-4	• • GASKET-O RING -----	2	A	
-93	66P	• DRAIN INSTL-WING CENTER SECTION -----	1	G	
	MS21919DF6	• • TUBE-DRAIN BULK LENGTH 12 INCHES -----	2	G	
	AN526-1032-7	• • CLAMP -----	2	G	
	MS20364-1032	• • SCREW -----	2	G	
-95		• • NUT -----	2	G	
	2416009-002	• DOOR INSTL-FUSELAGE FUEL CELL ACCESS -----	1	A	
	AN4H5A	• • DOOR-ACCESS LH CELL UPPER -----	1	A	
	AN960D416L	A • • BOLT -----	12	A	
	FCA25751	A • • WASHER -----	12	A	
		A • • GASKET-ACCESS DR LH UPPER -----			
		FOR SPARES USE 6600327-008 -----	2	A	
	6600327-008	• • GASKET-ACCESS DR LH UPPER -----	2	K	
	SEE FIGURE 64				
	SEE FIGURE 65				
	2416009-001	• • DOOR & VENT ASSY RH UPPER -----	REF	D	
	AN4-5A	• • DOOR-ACCESS LH & RH LOWER -----	2	A	
	AN960D416L	A • • BOLT -----	24	A	
	FCB25752	A • • WASHER -----	24	A	
		A • • GASKET-ACCESS DR L & R LOWER -----			
		FOR SPARES USE 6600327-002 -----	2	A	
	6600327-002	• • GASKET-ACCESS DR L & R LOWER -----	2	L	
		A 018 THRU 069 WHEN EJECTOR FUEL PUMPS ARE INSTALLED IN THE WING ONLY			
		B 003 THRU 047 WHEN EJECTOR FUEL PUMPS ARE INSTALLED IN THE WING ONLY			
		C 048 THRU 069 WHEN EJECTOR FUEL PUMPS ARE INSTALLED IN THE WING ONLY			
		D SEE REF FIGURE FOR USAGE			
		E 018 THRU 069 WHEN EJECTOR FUEL PUMPS ARE INSTALLED IN THE WING ONLY EXCEPT A/C MOD PER SK23-165			
		F 018 THRU 069 WHEN EJECTOR FUEL PUMPS ARE INSTALLED IN THE WING ONLY & MOD PER SK23-165			
		G 018 THRU 069 WHEN EJECTOR FUEL PUMPS ARE INSTALLED IN THE WING ONLY & A/C ARE MOD PER AMK70-5			
		H SPARE FOR 6600080-004			
		J SPARE FOR 6600080-002			
		K SPARE FOR FCA25751			
		L SPARE FOR FCB25752			
		A---ATTACHING PARTS			

LIMITED EFFECTIVITY Serial Code A



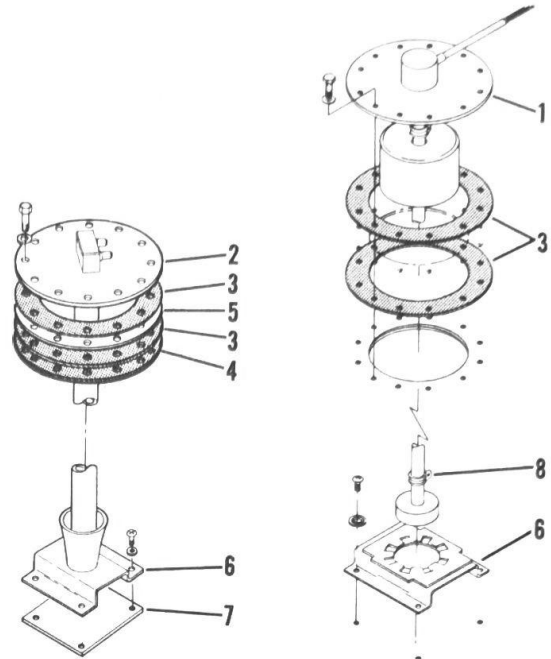
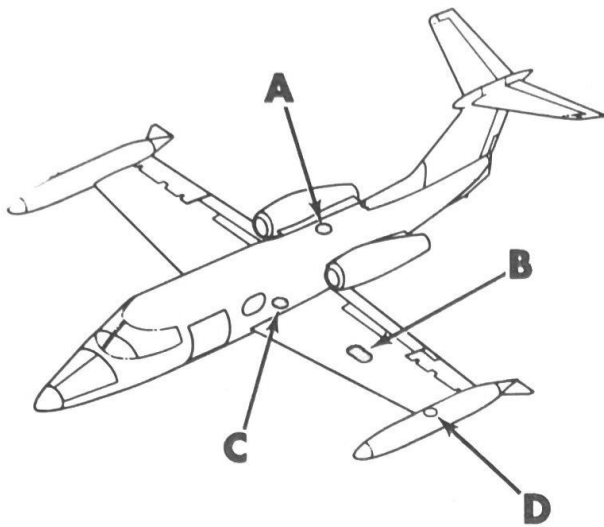
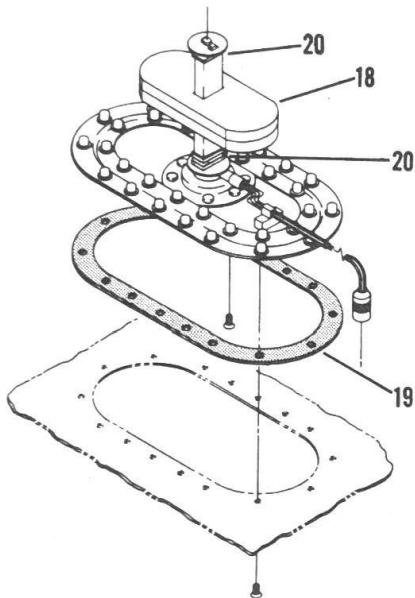
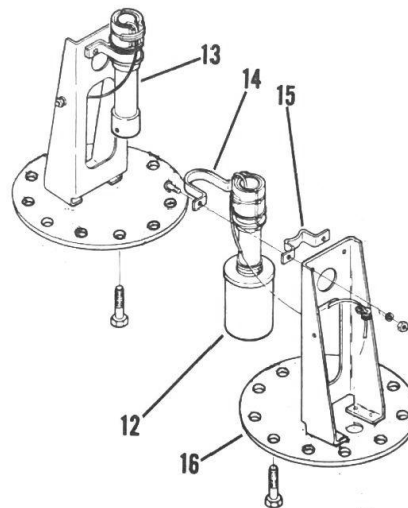
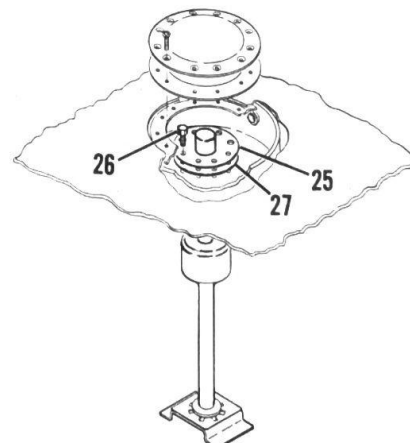
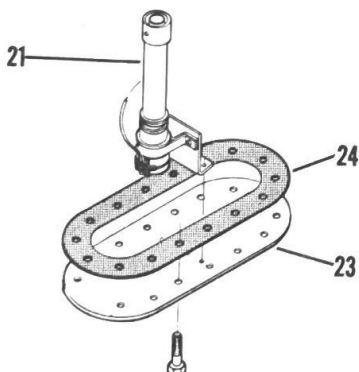
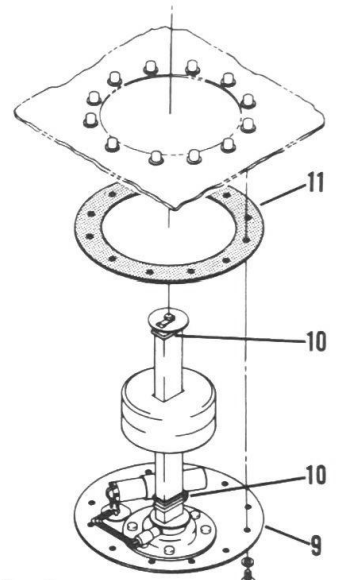
**Detail A**

Figure 57. Fuselage Fuel Crossover Installation

12-22D-1  
A12-4C

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
57 -		FUSELAGE FUEL CROSSOVER INSTALLATION			
-1	SEE FIGURE 55	• HOSE ASSEMBLY-CROSSOVER FUEL -----	REF	A	
-2	AN837-10D	• ELBOW -----	1	A	
		• CONNECTING PARTS			
-3	AN924-10D	• • NUT -----	1	A	
	AN960D1416	• • WASHER -----	2	A	
-4	2316003-021	• TUBE ASSEMBLY-CROSSOVER -----	1	B	
	2316003-110	• TUBE ASSEMBLY-CROSSOVER -----	1	C	
	2381329-006	• TUBE ASSEMBLY-CROSSOVER -----	1	D	
	2316022-001	• TUBE ASSEMBLY-CROSSOVER -----	1	F	
-5	MS35842-2	A • CLAMP ASSEMBLY -----	1	A	
-6	AN742D16	A • CLAMP -----	1		
	AN520-10R8	A • SCREW -----	1		
	AN960D10L	A • WASHER -----	1		
	MS20364-1032	A • NUT -----	1		
-7	2316003-025	• TUBE ASSEMBLY-CROSSOVER WHEN EXHAUSTED USE 2516000-105 -----	1		
	2516000-105	• TUBE ASSEMBLY-CROSSOVER -----	1		
-8	MS35842-2	A • CLAMP ASSEMBLY -----	1	A	
-9	AN742D16	A • CLAMP -----	1		
	AN520-10R8	A • SCREW -----	1		
	AN960D10L	A • WASHER -----	1		
	MS20364-1032	A • NUT -----	1		
-10	50B SH-4G	• VALVE DRAIN FOR SPARES ORDER 2380065-001 -----	1	G	
	2380065-001	• VALVE-DRAIN -----	1	H	
	MS29512-4	• GASKET-O RING -----	1		
-11	2316003-037	• HOSE -----	1		
	MS35842-2	A • CLAMP ASSEMBLY -----	2	A	
		A 003 THRU 069 EXCEPT A/C MOD PER ECR 233 ECR 230, ECR 354, ECR 381, ECR 392, ECR 401 OR ECR 277			
		B 003 THRU 047 EXCEPT A/C MOD PER ECR 233 ECR 230, ECR 354, ECR 381, ECR 392 ECR 401 OR ECR 277			
		C 048 THRU 069			
		D 003 THRU 047 WHEN MOD PER ECR 233, ECR 230, ECR 354, ECR 381, ECR 392, ECR 401 OR ECR 277			
		F 070 & ON			
		G 003 & ON EXCEPT A/C MOD PER SK23-190			
		H 003 & ON WHEN MOD PER SK23-190			
		A---ATTACHING PARTS			



**Detail A****Detail B****Detail C****Detail D**

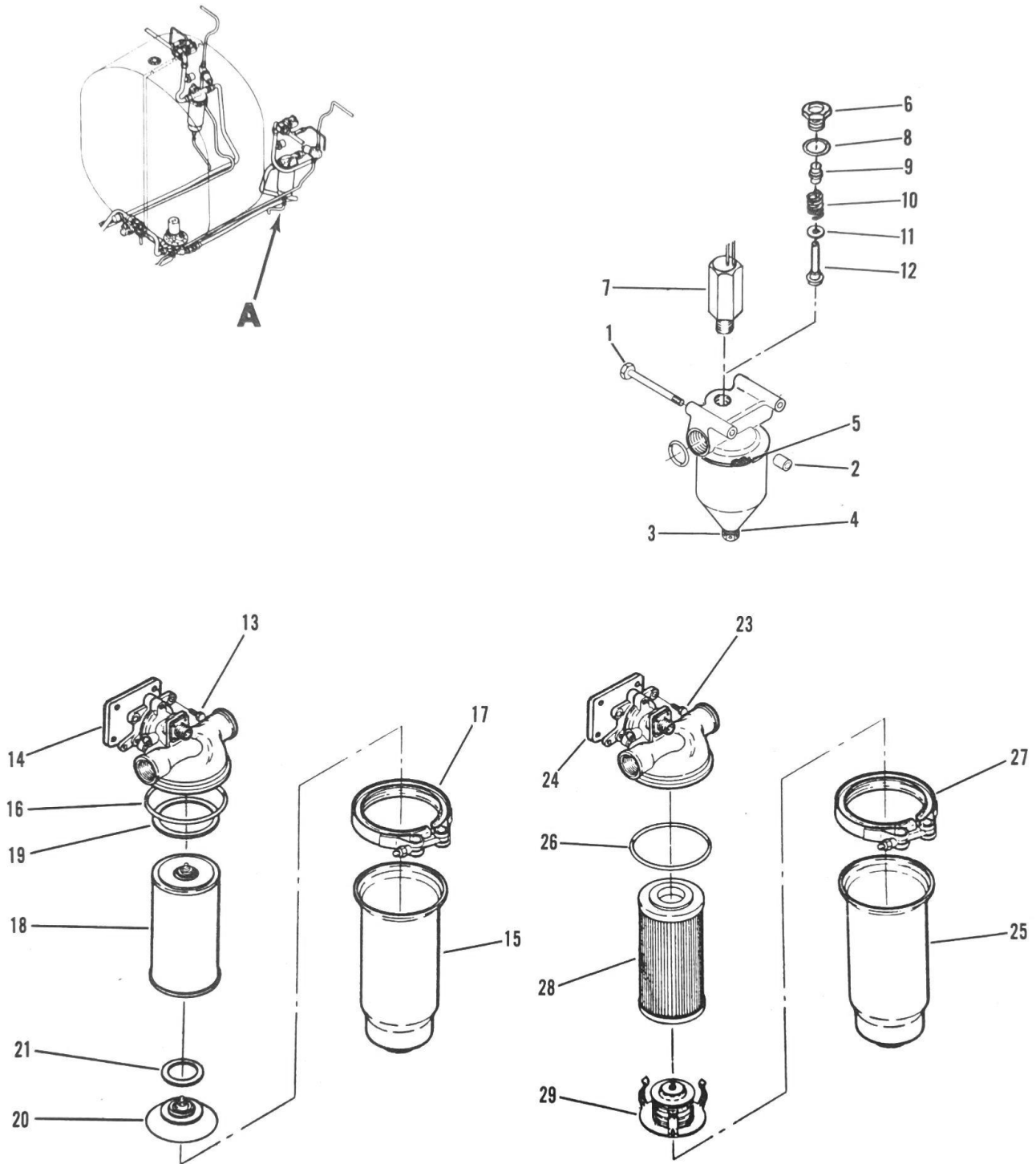
12-5C  
A12-12B  
A12-4C  
B12-12B  
C12-12B  
C12-5C

**Figure 58. Fuel System Probe Installation**



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
58 -		FUEL SYSTEM PROBE INSTALLATION			
-1	B820-2882	• PROBE INSTALLATION-FUSELAGE FUEL	1		
-2	FG200A84	• PROBE-FUEL FUSE TANK MT19	1	B	
	2381237-003	• PROBE-FUEL FUSE TANK MT69	1	025	
	AN4H6A	• PROBE-FUEL FUSE TANK MT19	1	E	
	AN960D416L	A • BOLT	12		
	FCB25722	A • WASHER	12		
-3		• GASKET-PROBE FOR SPARES USE			
	6600327-007	6600327-007	2		
	6600327-007	• GASKET-PROBE	2	M	
-4	6600327-007	• GASKET FOR SPARES USE 6600327-007	1	G	
	2316008-003	• GASKET	2	M	
-5	2316001-002	• SPACER	1	G	
-6	2316010-001	• BRACKET ASSEMBLY-PROBE	1		024
	2316010-004	• BRACKET ASSEMBLY-PROBE WHEN EXHAUSTED USE 2316010-004	1	025	049
	2316010-008	• BRACKET ASSEMBLY-PROBE WHEN EXHAUSTED USE 2316010-008	1	050	084
	NAS221-8	• BRACKET ASSEMBLY-PROBE	1	085	
	600-042-10	A • SCREW	4		
-7	2316008-004	• SEAL-WASHER	4		
-8	MS21919DF14	• GASKET	1	050	
	AN3-7	• CLAMP	2	A	
	AN960-10	A • BOLT	2	A	
	AN320-3	• WASHER	2	A	
	MS24665-130	A • NUT	2	A	
		A • PIN-COTTER	2	A	
-9	B820-3196-1M	• PROBE INSTALLATION-WING FUEL	1		
	B820-3196-M	• PROBE-FUEL LH INBD MT15	1	B	
	AN3-6A	• PROBE-FUEL RH INBD MT16	1	B	
	AN960PD10	A • BOLT	24	B	
-10	MS21919DF14	A • WASHER	24	B	
	AN3-7	• CLAMP	4	A	
	AN960-10	A • BOLT	4	A	
	AN320-3	• WASHER	4	A	
	MS24665-130	A • NUT	4	A	
	2326006-002	A • PIN-COTTER	4	A	
-11	2326014-003	• GASKET-FUEL PROBE	2	B	
-12	2326014-007	• PROBE-FUEL LH INBD MT65	1	K	
-13	2326014-004	• PROBE-FUEL LH INBD MT65	1	L	
	2326014-008	• PROBE-FUEL RH INBD MT65	1	K	
-14	2326015-001	• PROBE-FUEL RH INBD MT66	1	L	
-15	2326015-002	A • CLAMP-FUEL PROBE	1	C	
	NAS220-9	A • CLIP-BASE	1	C	
	AN960-8L	A • SCREW	2	C	
-16	2322259-020	A • WASHER	2	C	
	2381237-006	• DOOR ASSEMBLY-ACCESS	2	025	069
	2322259-029	• DOOR ASSEMBLY-ACCESS LH	1	E	
	2322259-032	• DOOR ASSEMBLY-ACCESS LH	1	070	079
	2322259-030	• DOOR ASSEMBLY-ACCESS LH	1	080	
	2381237-007	• DOOR ASSEMBLY-ACCESS RH	1	070	079
	2322259-035	• DOOR ASSEMBLY-ACCESS RH	1	E	
	AN3-6A	A • BOLT	1	080	
-18	B820-3197	• PROBE-FUEL WING OUTBOARD	12	C	
	AN509-10R12	MT13 & MT14	2	B	
-19	2326006-003	A • SCREW	32	B	
-20	MS21919DF14	• GASKET	2	A	
	AN3-7	• CLAMP	2	A	
	AN960-10	A • BOLT	2	A	
	AN320-3	• WASHER	2	A	
	MS24665-130	A • NUT	2	A	
-21	2326014-005	A • PIN-COTTER	2	A	
	2326014-009	• PROBE-FUEL LH & RH WING OUTBOARD	2	A	
	2326015-001	• PROBE-FUEL LH & RH WING OUTBOARD	2	K	
	2326015-002	A • CLAMP-PROBE FUEL	2	L	
	NAS220-9	A • CLIP-BASE	2	C	
	AN960-8L	A • SCREW	2	C	
	MS20364-832	A • WASHER	4	C	
-23	2322064-035	A • NUT	4	C	
	2381237-008	• DOOR ASSEMBLY-ACCESS	2	025	039
	2322259-027	• DOOR ASSEMBLY-ACCESS	2	E	
	AN509-10R10	• DOOR ASSEMBLY-ACCESS	2	040	
-24	AN509-8R10	A • SCREW	16	025	039
	2326006-003	A • SCREW	24	F	
		• GASKET	1	J	
-25	B820-2880	• PROBE INSTALLATION-TIP TANK	1		
	FG200A83	• PROBE-FUEL	2	B	
-26	AN4-5A	• PROBE-FUEL MT67 & MT68	2	C	
	AN960D416	A • BOLT	16		
		A • WASHER	16		
CONTINUED					
A--ATTACHING PARTS					

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
58 - -27	NAS1598A4 A20-288C-307 2323046-107	A . . WASHER ----- . . GASKET-FUEL PROBE ----- . . GASKET-FUEL PROBE -----	16 2 2	B C	
		A 015 THRU 024 & A/C MOD PER SK23-63A EXCEPT A/C MOD PER SK23-195 B 003 THRU 024 EXCEPT A/C MOD PER SK23-195 C 025 & ON & A/C MOD PER SK23-195 E 003 THRU 024 WHEN MOD PER SK23-195 F 040 & ON & A/C MOD PER SK23-195 G 031 & ON & A/C MOD PER SK23-195 J 025 & ON & A/C MOD PER SK23-63A OR SK23-195 K 025 THRU 079 EXCEPT A/C MOD PER SK23-195 L 080 & ON & A/C MOD PER SK23-195 M SPARE FOR FC825722  A---ATTACHING PARTS			



### Detail A

Figure 59. Fuel System Filter Installation

12-22D-1  
A12-10C  
A12-14B

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				1 2 3 4 5 6 7	THRU
59 -		FUEL SYSTEM FILTER INSTALLATION			
	R9W940A	. FILTER ASSEMBLY-FUEL E37,E38 -----	2		A
	R9W965	. FILTER ASSEMBLY-FUEL E37,E38 -----	2		B
-1	AN4C31A	A . BOLT -----	2		C
	AN4C35A	A . BOLT RH FILTER -----	2		C
-2	NAS43DD4-32	A . SPACER RH FILTER -----	2		C
-3	R9W703-04	. . STEM -----	1		E
-4	26223	. . GASKET-COPPER ASBESTOS -----	1		E
	MS29513-12	. . GASKET-O RING -----	1		E
	R9W940-826	. . ELEMENT-FILTER -----	1		F
	R9W965-826	. . ELEMENT-FILTER -----	1		G
	MS29513-22	. . GASKET-O RING TOP -----	1		E
-5	MS29513-232	. . GASKET-O RING -----	1		E
-6	AN814-100L	. . PLUG -----	1		F
-7	R9W965-234	. . VALVE ASSEMBLY RELIEF -----	1		G
	R9W965-237	. . . PLUG-SWITCH HOUSING -----	1		G
	R9W965-235	. . . GUIDE-VALVE -----	1		G
	R9W965-214	. . . VALVE-RELIEF -----	1		G
	R9W965-110	. . . SPRING -----	1		G
-8	MS29512-10	. . GASKET-O RING -----	1		E
-9	R9W703-235	. . GUIDE-VALVE -----	1		F
-10	R9W703-110	. . SPRING 2 LB PSI -----	1		F
-11	R9W940-56	. . WASHER -----	1		F
-12	R9W703-124	. . VALVE -----	1		F
	101194	. FILTER ASSY-FUEL MFG BY DYNAMIC FILTER DIV OF MICHIGAN DYNAMICS INC FOR ALT USE 7577295 FILTER -----	2		D
-13	AN3-7A	A . BOLT -----	8		D
	AN960D10L	A . WASHER -----	8		D
-14	2416005-001	A . SPACER -----	2		D
-15	101846	. . BOWL ASSY -----	1		H
-16	MS29513-238	. . GASKET-O RING -----	1		H
-17	35695	. . CLAMP-COUPLING -----	1		H
-18	101342	. . ELEMENT ASSY-FILTER INCLUDES SEC BYPASS VALVE ASSY FOR ALT USE 7577317 ELEMENT KIT -----	1		H
	7577317	. . . KIT-ELEMENT ASSY MFG BY PURALATOR INC ALT FOR 101342 ELEMENT -----	1		H
	7577296	. . . ELEMENT ASSY-FILTER PURALATOR -----	1		J
	7577386	. . . VALVE ASSY-RELIEF -----	1		J
-19	101246	. . GASKET-ELEMENT UPPER -----	1		K
-20	101402	. . VALVE ASSY-PRIMARY BYPASS -----	1		K
-21	101244	. . . GASKET-ELEMENT LOWER -----	1		K
-22	101327	. . HEAD ASSY-FILTER -----	1		H
	7577295	. FILTER ASSY-FUEL MFG BY PURALATOR INC ALT FOR 101194 FILTER ASSY -----	2		D
-23	AN3-7A	A . BOLT -----	8		D
	AN960D10L	A . WASHER -----	8		D
-24	2416005-001	A . SPACER -----	1		D
-25	7579831	. . BOWL ASSY -----	1		L
-26	MS29513-238	. . GASKET-O RING -----	1		L
-27	7579696	. . CLAMP-COUPLING -----	1		L
-28	7577296	. . ELEMENT ASSY-FILTER -----	1		L
-29	7577386	. . VALVE ASSY-RELIEF -----	1		L
-30	7579853	. . HEAD ASSY-FILTER -----	1		L
		A 003 THRU 014 WHEN MOD PER SK 23-66A EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS			
		B 015 THRU 027 WHEN MOD PER SK 23-89A EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS			
		C 003 THRU 027 EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS			
		D 028 & ON & PREVIOUS A/C EQUIPPED WITH EJECTOR FUEL PUMPS			
		E COMPONENT OF R9W940A & R9W965 FILTER ASSY			
		F COMPONENT OF R9W940A FILTER ASSY			
		G COMPONENT OF R9W965 FILTER ASSY			
		H COMPONENT OF 101194 FILTER ASSY			
		J COMPONENT OF 7577317 ELEMENT KIT ONLY			
		K USE WITH 101342 ELEMENT ASSY ONLY			
		L COMPONENT OF 7577295 FILTER ASSY			
		A---ATTACHING PARTS			

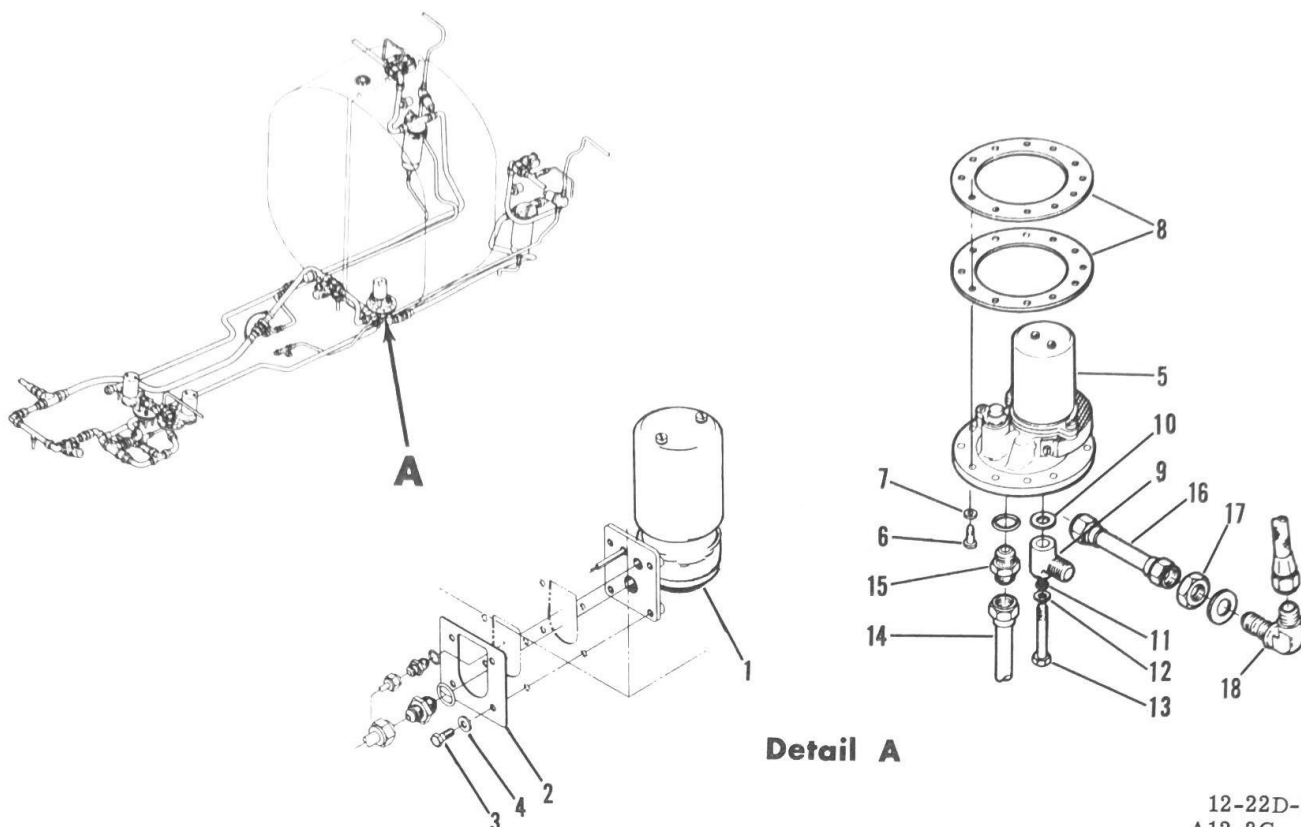


Figure 60. Fuselage Fuel Pump Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
60 -		1 2 3 4 5 6 7			
-1	2380146-002	FUSELAGE FUEL PUMP INSTALLATION • PUMP-FUEL WHEN EXHAUSTED USE 2380146-003	1		047
-2	2380146-003	• PUMP-FUEL ALT FOR 2380146-002	1		047
-3	2316003-004	A • PLATE	1		047
-4	AN4CH5A	A • BOLT	4	B	
	AN960-416	A • WASHER	4	B	
	AN960D416	A • WASHER	4	C	
	MS20365-428C	A • NUT	4	C	
-5	2380097-001	• PUMP-FUEL WHEN EXHAUSTED USE 2380097-002	1	048	
	2380097-002	• PUMP-FUEL ALT FOR 2380097-001 WHEN EXHAUSTED USE 2380096-001	1	048	
	2380096-001	• PUMP-FUEL ALT FOR 2380097-002 WHEN EXHAUSTED USE 2380096-002	1	048	
	2380096-002	• PUMP-FUEL ALT FOR 2380096-001 WHEN EXHAUSTED USE 2380096-003	1	048	
	2380096-003	• PUMP-FUEL ALT FOR 2380096-002 WHEN EXHAUSTED USE 2380060-014	1	048	
	2380060-014	• PUMP-FUEL ALT FOR 2380096-003 WHEN EXHAUSTED USE 2380060-020	1	048	
	2380060-020	• PUMP-FUEL ALT FOR 2380060-014	1	048	
-6	AN4-6A	A • BOLT	12	048	
-7	AN960D416L	A • WASHER	12	048	
-8	FCB25730	A • GASKET FOR SPARES USE 6600327-003	2	048	
	6600327-003	A • GASKET	2	G	
-9	RD11373-1	• FITTING	1	048	
-10	RB11374	A • GASKET	1	048	
-11	MS29513-10	A • GASKET-O RING	1	048	
-12	AN960D416	A • WASHER	1	048	
-13	MS20073-04-34	A • BOLT	1	A	
	MS20073-04-42	A • BOLT	1	D	
	MS20073-04-32	A • BOLT	1	E	
	MS20073-04-36	A • BOLT	1	F	
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION  1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
60 -14	2316018-002	• TUBE ASSY-PUMP DRAIN -----	1	048	069
-15	2316021-591-4	• TUBE ASSY-PUMP DRAIN -----	1	070	
	AN815-4D	• UNION -----	1	048	
	MS29512-4	• GASKET-O RING -----	1	048	
-16	2316018-004	• TUBE ASSY-FUSELAGE TANK -----	1	048	
-17	AN924-8D	• NUT -----	1	048	
	AN960D1216L	• WASHER -----	1	048	
-18	AN833-8D	• ELBOW -----	1	048	
		A COMPONENT OF 2380097-001 & -002 PUMPS			
		B USE WITH 2380146-002 PUMP			
		C USE WITH 2380146-003 PUMP			
		D COMPONENT OF 2380096-001, -002 & -003 PUMPS			
		E COMPONENT OF 2380060-014 PUMP			
		F COMPONENT OF 2380060-020 PUMP			
		G SPARE FOR FCB25730			
		A---ATTACHING PARTS			



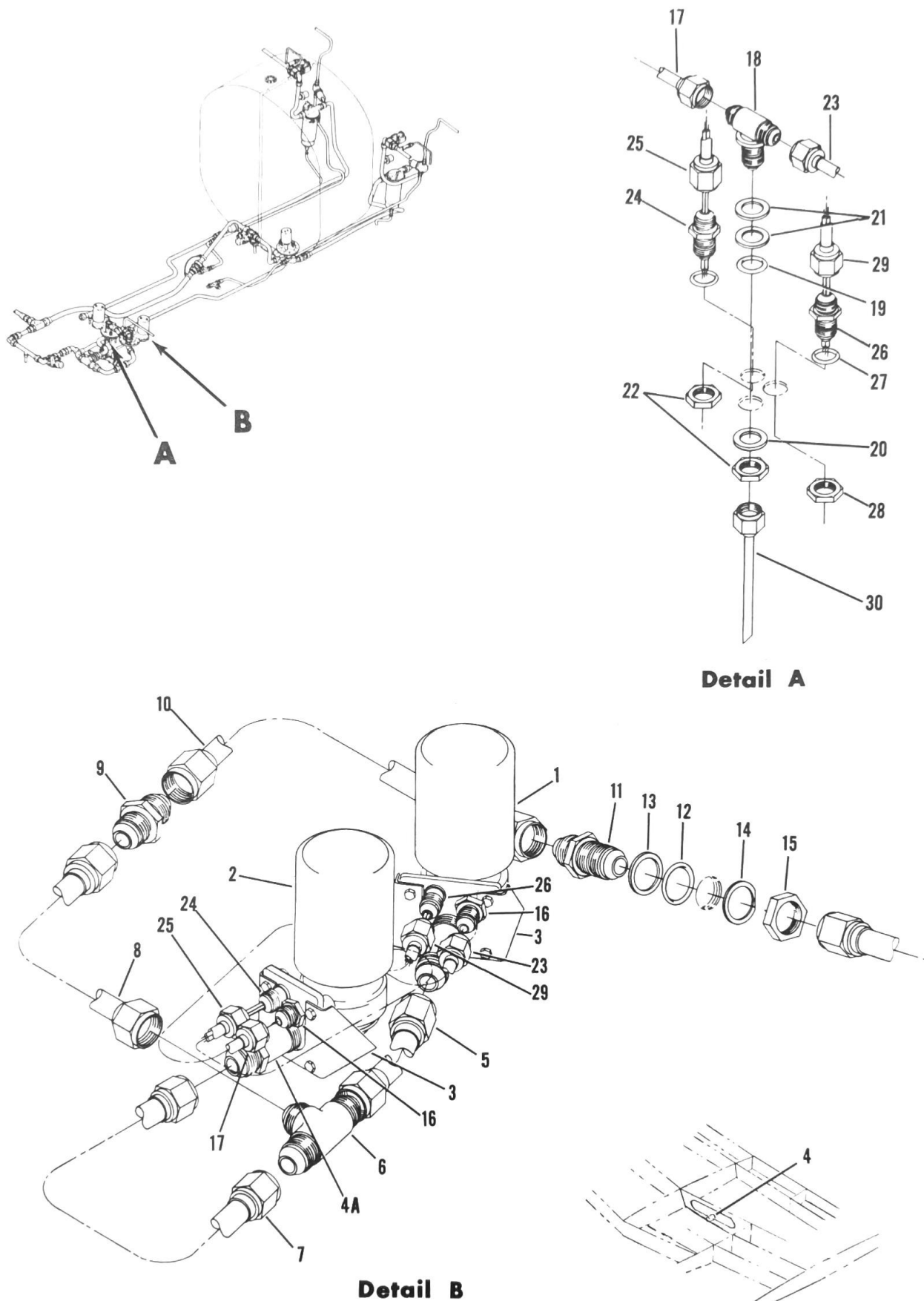


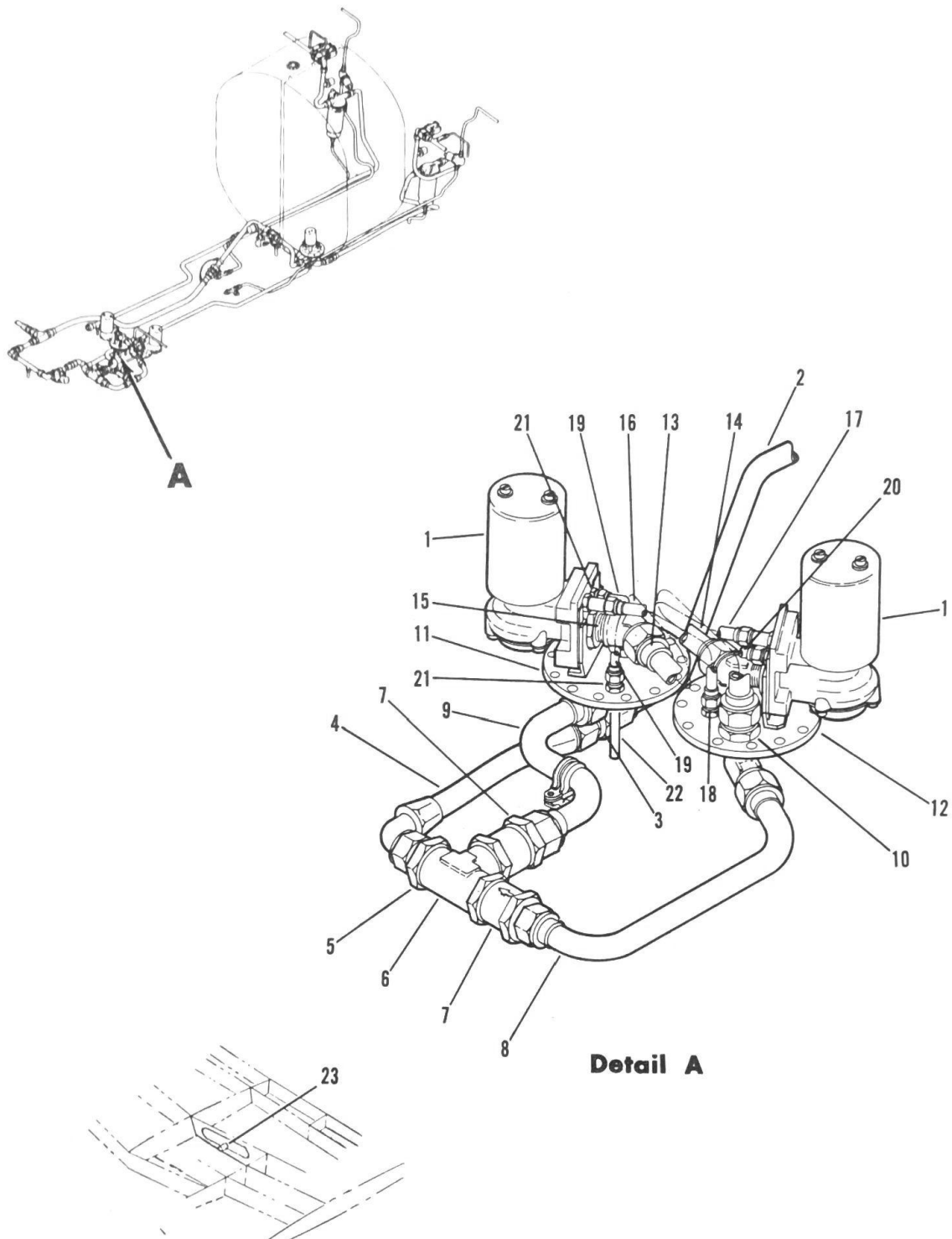
Figure 61. Wing Fuel Pump Installation (STELLAR) (Configuration A)

12-22D-1  
12-22D-1  
A12-1C  
B12-1C

LIMITED EFFECTIVITY Serial Code A

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
61 -	CONFIGURATION A	WING FUEL PUMP INSTALLATION STELLAR		A	
-1	2380146-002	. PUMP-FUEL LH MAIN WHEN EXHAUSTED	1	A	
		USE 2380146-003 STELLAR -----			
	2380146-003	. PUMP-FUEL LH MAIN ALT	1	A	
		FOR 2380146-002 STELLAR -----			
	2380146-002	. PUMP-FUEL RH MAIN WHEN EXHAUSTED	1	A	
		USE 2380146-003 STELLAR -----			
	2380146-003	. PUMP-FUEL RH MAIN ALT	1	A	
		FOR 2380146-002 STELLAR -----			
-2	2380146-002	. PUMP-FUEL LH STANDBY WHEN	1	A	
		EXHAUSTED USE 2380146-003 STELLAR -----			
	2380146-003	. PUMP-FUEL LH STANDBY ALT	1	A	
		FOR 2380146-002 STELLAR -----			
	2380146-002	. PUMP-FUEL RH STANDBY WHEN	1	A	
		EXHAUSTED USE 2380146-003 STELLAR -----			
	2380146-003	. PUMP-FUEL RH STANDBY ALT	1	A	
		FOR 2380146-002 STELLAR -----			
	AN4H4A	A . BOLT -----	16	A	
	AN960D416	A . WASHER -----	16	A	
	MS20365-428C	A . NUT -----	16	D	
-3	2326003-045	. BRACKET -----	4	A	
-4	21547	. SWITCH-THERMAL LH HOT FUEL LT -----	1	A	
	21547	. SWITCH-THERMAL RH HOT FUEL LT -----	1	A	
	MS29512-8	A . GASKET-O RING -----	2	A	
	AN924-8D	A . NUT-UNIVERSAL -----	2	A	
-4A	10939	. VALVE-CHECK -----	4	A	
-5	2326003-012	. TUBE ASSEMBLY PUMP TO TEE -----	2	A	
-6	AN824-12D	. TEE -----	2	A	
-7	2326003-010	. TUBE ASSEMBLY TEE TO PUMP -----	2	A	
-8	2326003-032	. TUBE ASSEMBLY LH -----	1	A	
	2326003-034	. TUBE ASSEMBLY RH -----	1	A	
-9	AN815-12D	. UNION -----	2	A	
-10	2326003-006	. TUBE ASSEMBLY LH -----	1	A	
	2326003-008	. TUBE ASSEMBLY RH -----	1	A	
-11	AN832-12D	. UNION -----	2	A	
-12	MS29512-12	. GASKET-O RING -----	2	A	
-13	AN960D1716L	. WASHER -----	2	A	
-14	2326004-001	. WASHER -----	2	A	
-15	AN924-12D	. NUT -----	2	A	
-16	AN815-4D	. UNION -----	2	A	
-17	2326003-037	. TUBE ASSEMBLY LH -----	1	A	
	2326003-038	. TUBE ASSEMBLY RH -----	1	A	
-18	AN834-4D	. TEE -----	2	A	
-19	MS29512-4	. GASKET-O RING -----	2	A	
-20	AN960D716	. WASHER -----	2	A	
-21	AN960D716L	. WASHER -----	4	A	
-22	AN924-4D	. NUT -----	4	A	
-23	2326003-041	. TUBE ASSEMBLY LH -----	1	A	
	2326003-042	. TUBE ASSEMBLY RH -----	1	A	
-24	AN815-4D	. UNION -----	4	A	
-25	2326003-018	. TUBE ASSEMBLY LH -----	1	A	
	2326003-019	. TUBE ASSEMBLY RH -----	1	A	
-26	AN832-6D	. UNION -----	4	A	
-27	MS29512-6	. GASKET-O RING -----	AR	A	
-28	AN924-6D	. NUT -----	2	A	
-29	2326003-026	. TUBE ASSEMBLY LH -----	1	A	
	2326003-027	. TUBE ASSEMBLY RH -----	1	A	
-30	2326003-030	. TUBE ASSEMBLY-DRAIN -----	2	A	
		A 003 THRU 069 WHEN EQUIPPED WITH			
		CONFIGURATION A STELLAR PUMPS INSTL			
		EXCEPT A/C EQUIPPED WITH EJECTOR FUEL			
		PUMPS			
		C USE WITH 2380146-002			
		D USE WITH 2380146-003			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
61 -	CONFIGURATION A	WING FUEL PUMP INSTALLATION STELLAR		A	
-1	2380146-002	• PUMP-FUEL LH MAIN WHEN EXHAUSTED	1	A	
		USE 2380146-003 STELLAR -----			
	2380146-003	• PUMP-FUEL LH MAIN ALT	1	A	
		FOR 2380146-002 STELLAR -----			
	2380146-002	• PUMP-FUEL RH MAIN WHEN EXHAUSTED	1	A	
		USE 2380146-003 STELLAR -----			
	2380146-003	• PUMP-FUEL RH MAIN ALT	1	A	
		FOR 2380146-002 STELLAR -----			
-2	2380146-002	• PUMP-FUEL LH STANDBY WHEN	1	A	
		EXHAUSTED USE 2380146-003 STELLAR -----			
	2380146-003	• PUMP-FUEL LH STANDBY ALT	1	A	
		FOR 2380146-002 STELLAR -----			
	2380146-002	• PUMP-FUEL RH STANDBY WHEN	1	A	
		EXHAUSTED USE 2380146-003 STELLAR -----			
	2380146-003	• PUMP-FUEL RH STANDBY ALT	1	A	
		FOR 2380146-002 STELLAR -----			
	AN4H4A	A • BOLT -----	16	A	
	AN960D416	A • WASHER -----	16	C	
	MS20365-428C	A • NUT -----	16	D	
-3	2326003-045	• BRACKET -----	4	A	
-4	21547	• SWITCH-THERMAL LH HOT FUEL LT -----	1	A	
	21547	• SWITCH-THERMAL RH HOT FUEL LT -----	1	A	
	MS29512-8	A • GASKET-O RING -----	2	A	
	AN924-8D	A • NUT-UNIVERSAL -----	2	A	
-4A	10939	• VALVE-CHECK -----	4	A	
-5	2326003-012	• TUBE ASSEMBLY PUMP TO TEE -----	2	A	
-6	AN824-12D	• TEE -----	2	A	
-7	2326003-010	• TUBE ASSEMBLY TEE TO PUMP -----	2	A	
-8	2326003-032	• TUBE ASSEMBLY LH -----	1	A	
	2326003-034	• TUBE ASSEMBLY RH -----	1	A	
-9	AN815-12D	• UNION -----	2	A	
-10	2326003-006	• TUBE ASSEMBLY LH -----	1	A	
	2326003-008	• TUBE ASSEMBLY RH -----	1	A	
-11	AN832-12D	• UNION -----	2	A	
-12	MS29512-12	• GASKET-O RING -----	2	A	
-13	AN960D1716L	• WASHER -----	2	A	
-14	2326004-001	• WASHER -----	2	A	
-15	AN924-12D	• NUT -----	2	A	
-16	AN815-4D	• UNION -----	2	A	
-17	2326003-037	• TUBE ASSEMBLY LH -----	1	A	
	2326003-038	• TUBE ASSEMBLY RH -----	1	A	
-18	AN834-4D	• TEE -----	2	A	
-19	MS29512-4	• GASKET-O RING -----	2	A	
-20	AN960D716	• WASHER -----	2	A	
-21	AN960D716L	• WASHER -----	4	A	
-22	AN924-4D	• NUT -----	4	A	
-23	2326003-041	• TUBE ASSEMBLY LH -----	1	A	
	2326003-042	• TUBE ASSEMBLY RH -----	1	A	
-24	AN815-4D	• UNION -----	4	A	
-25	2326003-018	• TUBE ASSEMBLY LH -----	1	A	
	2326003-019	• TUBE ASSEMBLY RH -----	1	A	
-26	AN832-6D	• UNION -----	4	A	
-27	MS29512-6	• GASKET-O RING -----	AR	A	
-28	AN924-6D	• NUT -----	2	A	
-29	2326003-026	• TUBE ASSEMBLY LH -----	1	A	
	2326003-027	• TUBE ASSEMBLY RH -----	1	A	
-30	2326003-030	• TUBE ASSEMBLY-DRAIN -----	2	A	
		A 003 THRU 069 WHEN EQUIPPED WITH			
		CONFIGURATION A STELLAR PUMPS INSTL			
		EXCEPT A/C EQUIPPED WITH EJECTOR FUEL			
		PUMPS			
		C USE WITH 2380146-002			
		D USE WITH 2380146-003			
		A---ATTACHING PARTS			



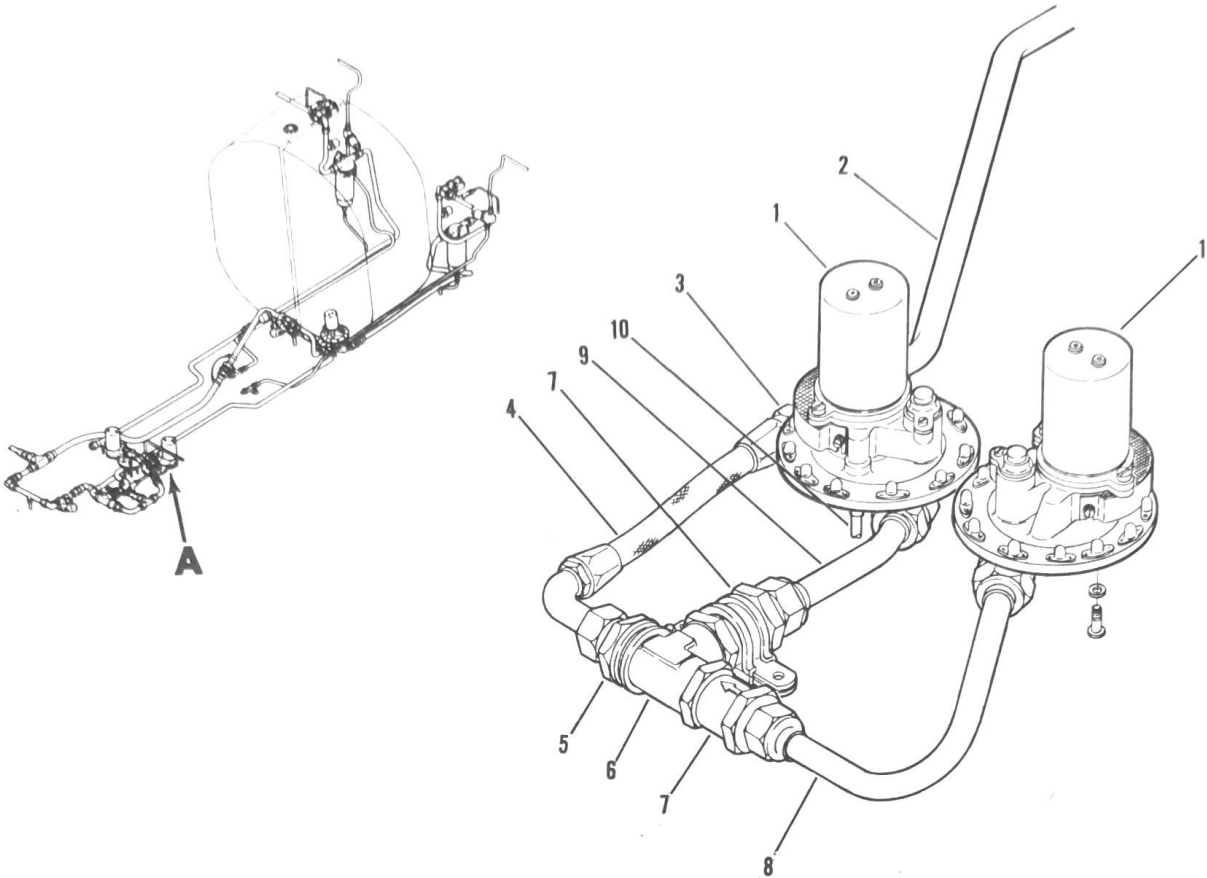
WING CENTER SECTION

Detail A

12-22D-1  
12-22D-1  
A12-11B-2

Figure 61A. Wing Fuel Pump Installation (STELLAR) (Configuration B)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
61A-	CONFIGURATION B	WING FUEL PUMP INSTALLATION STELLAR		A	
-1	2380146-002	• PUMP ASSY-FUEL STELLAR -----	4	A	
	2380146-003	• PUMP ASSY-FUEL STELLAR ALT FOR 2380146-002 -----	4	A	
	AN4H5A	A • BOLT -----	16	A	
	AN960-416L	A • WASHER -----	16	A	
	MS20365-428C	• NUT -----	16	A	
-2	2326007-003	• TUBE ASSY LH -----	1	A	
	2326007-005	• TUBE ASSY RH -----	1	A	
-3	AN815-120	• UNION -----	2	A	
-4	950004-120-0120	• HOSE ASSY -----	2	A	
-5	AN815-120	• UNION -----	2	A	
	MS29512-12	• GASKET-O RING -----	2	A	
-6	AN938-120	• TEE -----	2	A	
-7	2380079-001	• VALVE ASSY-CHECK -----	4	A	
	MS29512-12	A • GASKET-O RING -----	4	A	
-8	2388161-024	• TUBE ASSY -----	2	A	
-9	2388161-028	• TUBE ASSY -----	2	A	
-10		• CONNECTING PARTS			
	AN833-120	• • ELBOW -----	4	A	
	2388161-026	• • NUT -----	4	A	
-11	2388161-003	• SUPPORT ASSY-FUEL PUMP LH INBD -----	1	A	
	2388161-035	• SUPPORT ASSY-FUEL PUMP RH INBD -----	1	A	
-12	2388161-005	• SUPPORT ASSY-FUEL PUMP LH OUTBD -----	1	A	
	2388161-036	• SUPPORT ASSY-FUEL PUMP RH OUTBD -----	1	A	
	AN3-10A	A • BOLT -----	48	A	
	AN960D10	A • WASHER -----	48	A	
	RD11374	A • GASKET -----	4	A	
-13	2388161-009	• TUBE ASSY-PUMP DISCHARGE LH INBD -----	1	A	
	2388161-039	• TUBE ASSY-PUMP DISCHARGE RH INBD -----	1	A	
-14	2388161-011	• TUBE ASSY-PUMP DISCHARGE LH OUTBD -----	1	A	
	2388161-041	• TUBE ASSY-PUMP DISCHARGE RH OUTBD -----	1	A	
-15		• CONNECTING PARTS			
	AN837-120	• • ELBOW -----	4	A	
	MS29512-12	• • GASKET-O RING -----	4	A	
	AN924-120	• • NUT -----	4	A	
-16	2388161-013	• TUBE ASSY-CONDUIT LH INBD -----	1	A	
	2388161-043	• TUBE ASSY-CONDUIT RH INBD -----	1	A	
-17	2388161-015	• TUBE ASSY-CONDUIT LH OUTBD -----	1	A	
	2388161-045	• TUBE ASSY-CONDUIT RH OUTBD -----	1	A	
-18		• CONNECTING PARTS			
	AN832-60	• • UNION -----	4	A	
	AN924-60	• • NUT -----	4	A	
-19	2388161-017	• TUBE ASSY-PUMP DRAIN LH INBD -----	1	A	
	2388161-047	• TUBE ASSY-PUMP DRAIN RH INBD -----	1	A	
-20	2388161-019	• TUBE ASSY-PUMP DRAIN LH OUTBD -----	1	A	
	2388161-049	• TUBE ASSY-PUMP DRAIN RH OUTBD -----	1	A	
-21		• CONNECTING PARTS			
	AN815-40	• • UNION AT PUMP -----	4	A	
	MS29512-4	• • GASKET-O RING AT PUMP -----	4	A	
	AN832-40	• • UNION -----	4	A	
	AN924-40	• • NUT -----	4	A	
-22	2388161-030	• TUBE ASSY-DRAIN INBD -----	2	A	
	2388161-032	• TUBE ASSY-DRAIN OUTBD -----	2	A	
-23	21547-3-2-6	• SWITCH-THERMAL HOT FUEL LT -----	2	A	
	3000-34-1	• SWITCH-THERMAL HOT FUEL LT ALT FOR 21547-3-2-6 -----	2	A	
	MS29512-8	A • GASKET-O RING -----	2	A	
	AN924-80	A • NUT -----	2	A	
		A 003 THRU 069 WHEN EQUIPPED WITH CONFIGURATION B STELLAR PUMPS INSTL EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS			
		B USED WITH 2380146-002 PUMP ASSY			
		C USED WITH 2380146-003 PUMP ASSY			
		A---ATTACHING PARTS			



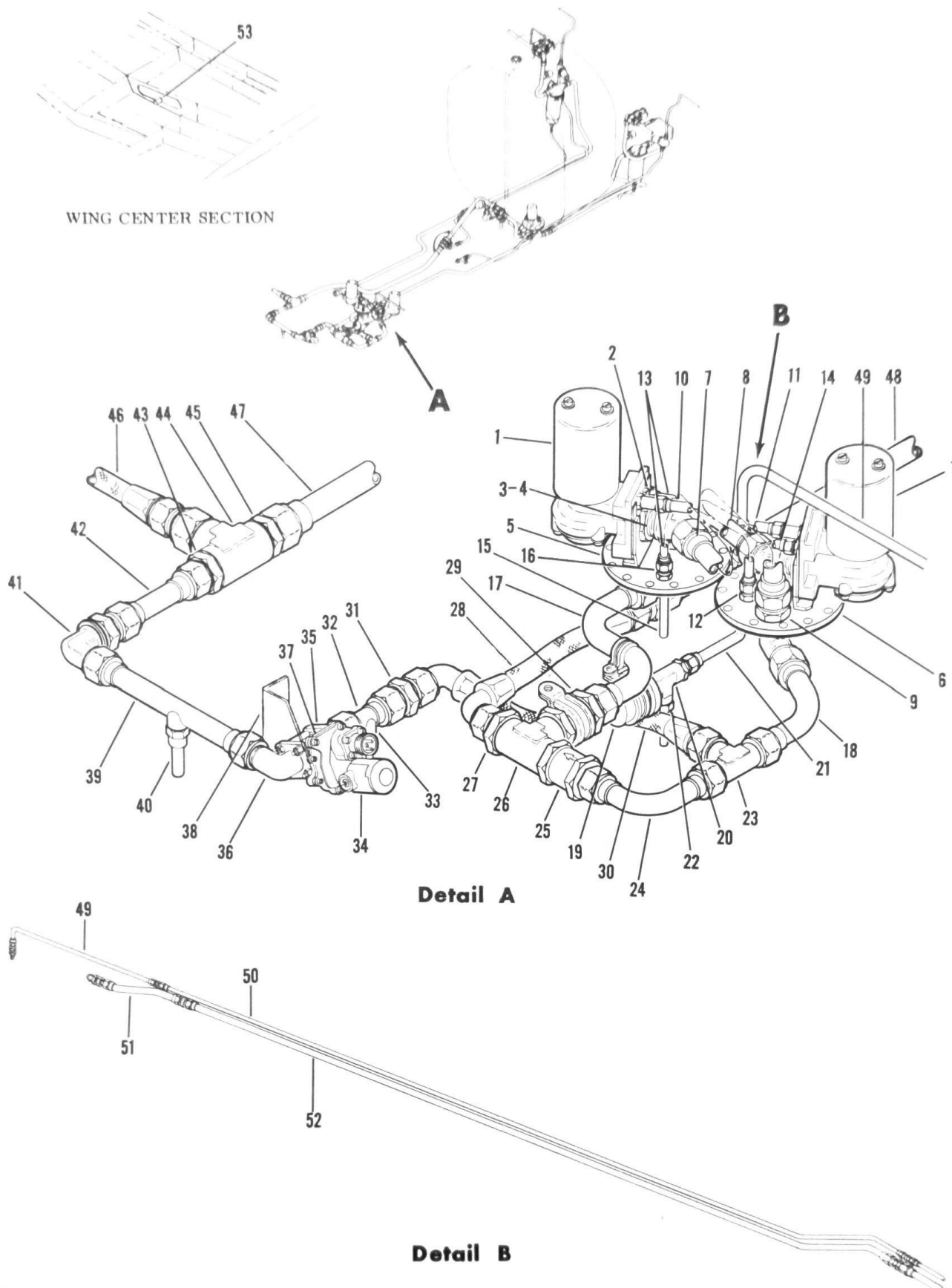
Detail A

12-22D-1  
A12-11B

Figure 62. Wing Fuel Pump Installation (Lear-Romec)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				1 2 3 4 5 6 7	THRU
62 -		WING FUEL PUMP INSTL LEAR-ROMECC			
-1	2380060-015	• PUMP ASSY-FUEL LEAR-ROMECC -----	4		A
	2380060-016	• PUMP ASSY-FUEL LEAR-ROMECC ALT -----			A
		FOR 2380060-015 -----			
	AN3-10A	A • BOLT -----	4		A
	AN960D10	A • WASHER -----	48		A
-2	2326007-003	• TUBE ASSY LH -----	48		A
	2326007-005	• TUBE ASSY RH -----	1		A
-3	AN815-12D	• UNION -----	1		A
-4	950004-12D-0120	• HOSE ASSY -----	2		A
-5	AN815-12D	• UNION -----	2		A
	MS29512-12	• GASKET-O RING -----	2		A
-6	AN938-12D	• TEE -----	2		A
-7	2380079-001	• VALVE ASSY-CHECK -----	2		A
	MS29512-12	A • GASKET-O RING -----	4		A
-8	2326007-007	• TUBE ASSY LH -----	1		A
	2326007-015	• TUBE ASSY RH -----	1		A
-9	2326007-009	• TUBE ASSY LH -----	1		A
	2326007-017	• TUBE ASSY RH -----	1		A
-10	2326007-011	• TUBE ASSY LH -----	1		A
	2326007-013	• TUBE ASSY RH -----	1		A
	AN815-4D	• UNION -----	4		A
	MS29512-4	• GASKET-O RING -----	4		A
		A 003 THRU 069 WHEN EQUIPPED WITH LEAR-ROMECC PUMPS EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS			
		A---ATTACHING PARTS			

LIMITED EFFECTIVITY Serial Code A



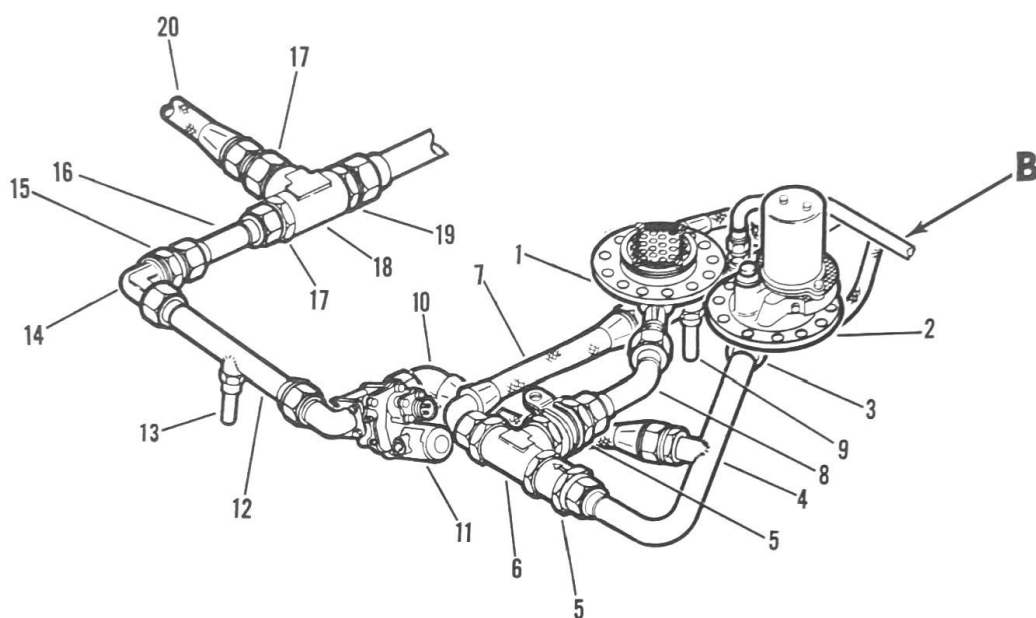
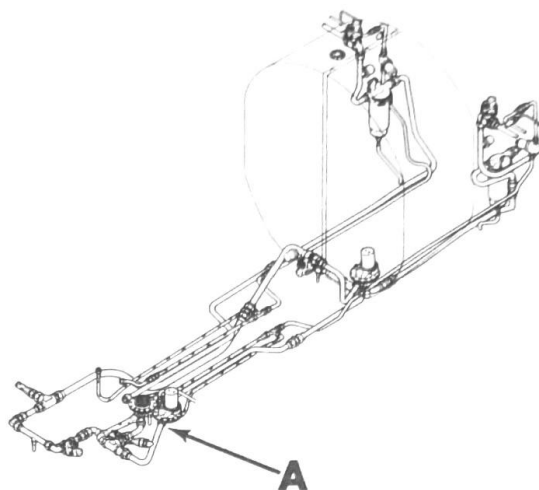
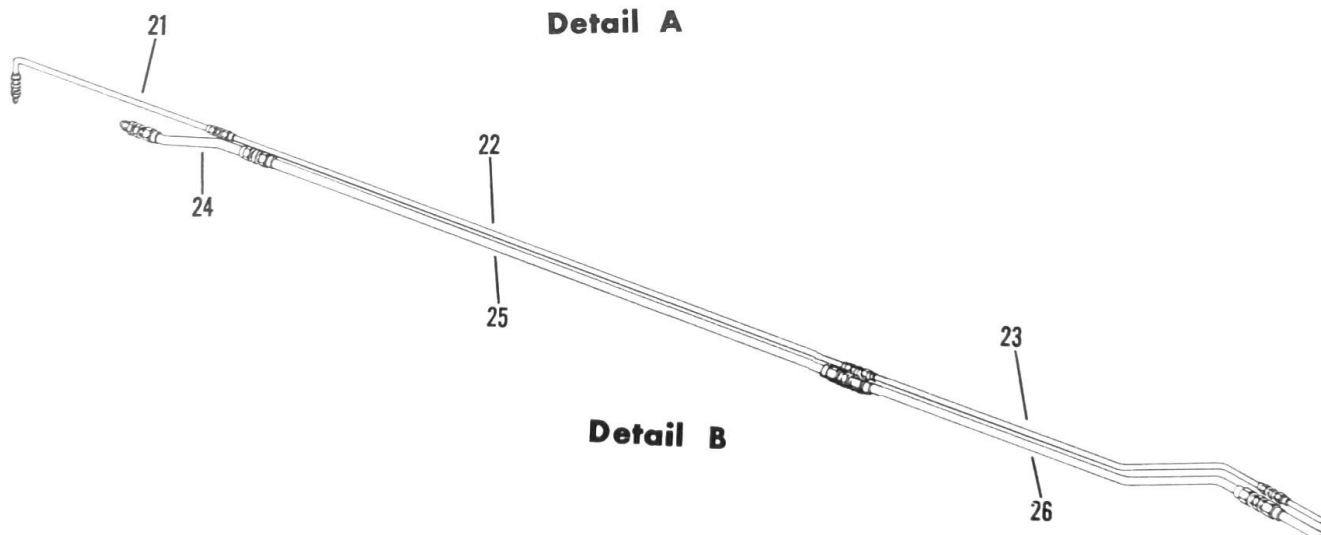
12-22D-1  
A12-11C-1  
B12-11C-1

Figure 63. Wing Fuel Pump & Plumbing Installation



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
63 -		WING FUEL PUMP & PLUMBING INSTALLATION			
-1	2380146-002	• PUMP-FUEL STELLAR -----	4	A	
	2380146-003	• PUMP-FUEL STELLAR ALT FOR -----		B	
	2380060-015	2380146-002 -----	4		
	2380060-016	• PUMP-FUEL LEAR-ROMECC -----	4	B	
		• PUMP-FUEL LEAR-ROMECC ALT FOR -----		C	
	AN4H5A	2380060-015 -----	4		
	AN960-416L	A • BOLT -----	16	C	
	MS20365-428C	A • WASHER -----	16	F	
	AN3-10A	A • NUT -----	16	G	
	AN960D10	A • BOLT -----	48	C	
	RD11374	A • WASHER -----	48	C	
-2	AN815-4D	A • GASKET -----	4	C	
	MS29512-4	• UNION -----	4	B	
-3	AN837-12D	• GASKET-O RING -----	4	B	
-4	AN924-12D	• ELBOW -----	4	B	
	MS29512-12	• NUT -----	4	B	
-5	2388161-003	• GASKET-O RING -----	4	B	
	2388161-035	• SUPPORT ASSY-FUEL PUMP LH INBD -----	1	B	
-6	2388161-005	• SUPPORT ASSY-FUEL PUMP RH INBD -----	1	B	
	2388161-036	• SUPPORT ASSY-FUEL PUMP LH OUTBD -----	1	B	
	AN3-10A	• SUPPORT ASSY-FUEL PUMP RH OUTBD -----	1	B	
	AN960D10	A • BOLT -----	48	B	
	RD11374	A • WASHER -----	48	B	
-7	2388161-009	A • GASKET -----	4	B	
	2388161-039	• TUBE ASSY-PUMP DISCHARGE LH INBD -----	1	B	
-8	2388161-011	• TUBE ASSY-PUMP DISCHARGE RH INBD -----	1	B	
	2388161-041	• TUBE ASSY-PUMP DISCHARGE LH OUTBD -----	1	B	
-9		• TUBE ASSY-PUMP DISCHARGE RH OUTBD -----	1	B	
	AN833-12D	• CONNECTING PARTS -----			
	2388161-026	• • ELBOW -----	4	B	
-10	2388161-013	• • NUT -----	4	B	
	2388161-043	• TUBE ASSY-CONDUIT LH INBD -----	1	B	
-11	2388161-015	• TUBE ASSY-CONDUIT RH INBD -----	1	B	
	2388161-045	• TUBE ASSY-CONDUIT LH OUTBD -----	1	B	
-12		• TUBE ASSY-CONDUIT RH OUTBD -----	1	B	
	AN832-6D	• CONNECTING PARTS -----			
	AN924-6D	• • UNION -----	4	B	
-13	2388161-017	• • NUT -----	4	B	
	2388161-047	• TUBE ASSY-PUMP DRAIN LH INBD -----	1	B	
-14	2388161-019	• TUBE ASSY-PUMP DRAIN RH INBD -----	1	B	
	2388161-049	• TUBE ASSY-PUMP DRAIN LH OUTBD -----	1	B	
-15	2388161-030	• TUBE ASSY-PUMP DRAIN RH OUTBD -----	1	B	
	2388161-032	• TUBE ASSY-DRAIN INBD -----	2	A	
	2388161-032	• TUBE ASSY-DRAIN OUTBD -----	2	B	
	2326016-627-13	• TUBE ASSY-DRAIN OUTBD LH -----	1	C	
-16		• TUBE ASSY-DRAIN OUTBD RH -----	1	C	
	AN815-4D	• CONNECTING PARTS -----			
	AN924-4D	• • UNION -----	4	A	
	MS29512-4	• • NUT -----	4	B	
-17	2326016-602-5	• • GASKET-O RING -----	4	C	
	2326016-627-7	• TUBE ASSY-PUMP DISCHARGE LH INBD -----	1	B	
	2326016-602-6	• TUBE ASSY-PUMP DISCHARGE LH INBD -----	1	C	
	2326016-627-9	• TUBE ASSY-PUMP DISCHARGE RH INBD -----	1	B	
-18	2326016-602-9	• TUBE ASSY-PUMP DISCHARGE RH INBD -----	1	C	
	2326016-627-3	• TUBE ASSY-PUMP DISCHARGE LH OUTBD -----	1	B	
	2326016-602-10	• TUBE ASSY-PUMP DISCHARGE LH OUTBD -----	1	C	
	2326016-627-5	• TUBE ASSY-PUMP DISCHARGE RH OUTBD -----	1	B	
-19	1G134	• TUBE ASSY-PUMP DISCHARGE RH OUTBD -----	1	C	
	MS21919DG24	• SWITCH-PRESSURE -----	2	A	
	MS21919WDG	A • CLAMP -----	2	A	
-20	AN938-4D	A • CLAMP -----	2	A	
	MS29512-4	• TEE -----	2	A	
-21	2326016-602-3	• GASKET-O RING -----	6	A	
	2326016-627-11	• TUBE ASSY-PRESSURE SWITCH -----	2	B	
		• TUBE ASSY-PRESSURE SWITCH -----	2	C	
	AN815-4D	• CONNECTING PARTS -----			
-22	508SH-4G	• • UNION -----	2	A	
	2380065-001	• VALVE-DRAIN FOR SPARES ORDER -----			
-23	AN824-12D	2380065-001 -----	2	A	
-24	2326016-003	• VALVE-DRAIN -----	2	D	
-25	2380079-001	• TEE -----	2	A	
-26	AN938-12D	• TUBE ASSY-FUEL -----	2	A	
-27	AN815-12D	• VALVE ASSY-CHECK -----	2	A	
	MS29512-12	• TEE -----	2	A	
-28	95004-12D-0103	• UNION -----	2	A	
	95004-12D-0120	• GASKET-O RING -----	2	A	
-29	2380079-001	• HOSE ASSY-FUEL LH -----	1	A	
	MS29512-12	• HOSE ASSY-FUEL RH -----	1	A	
		• VALVE ASSY-CHECK -----	2	A	
		• GASKET-O RING -----	2	A	
		CONTINUED			
		A---ATTACHING PARTS			

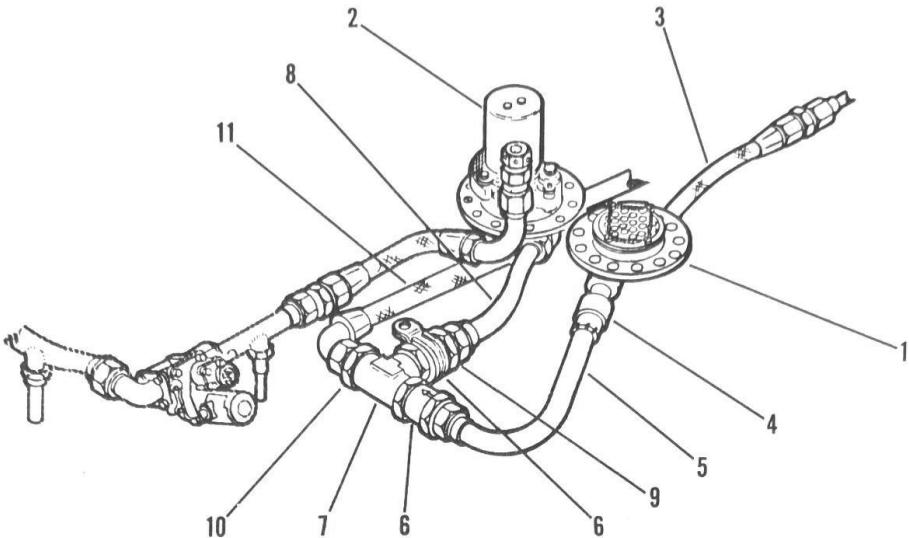
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
63 -30	95004-12D-0103	• HOSE ASSY-FUEL LH -----	1	A	
-31	360-12D-0084	• HOSE ASSY-FUEL RH -----	1	A	
-32	AN815-12D	• UNION -----	1	A	
-33	2326025-001	• TUBE ASSY-DRAIN -----	1	A	
	50BSH-4	• VALVE-DRAIN FOR SPARES ORDER			
	2380065-001	2380065-001 -----	1	A	
	MS29512-4	• VALVE-DRAIN -----	1	D	
	2380078-007	• GASKET-O RING -----	1	A	
-34	AV24811198	• VALVE ASSY-WING FUEL CROSSOVER B22 -----	1	A	
-35	MS20760D12-16	• VALVE-BALL -----	1	A	
-36	MS20762D12-16	• CONNECTOR -----	1	A	
-37	MS20756D16	• ELBOW-SWIVEL -----	1	A	
-38	2311610-048	• FLANGE-SWIVEL -----	1	A	
	AN3-23A	• BRACKET ASSY-VALVE -----	1	A	
	AN960D10	• BOLT -----	4	A	
	MS20365-1032	• WASHER -----	8	A	
-39	2316004-009	• NUT -----	4	A	
-40	50BSH-4	• TUBE ASSEMBLY-DRAIN -----	1	A	
	2380065-001	• VALVE-DRAIN FOR SPARES ORDER			
	2380065-001	2380065-001 -----	1	A	
-41	AN833-12D	• VALVE-DRAIN -----	1	D	
	AN960D1716	• ELBOW -----	1	A	
	AN924-12D	• WASHER -----	1	A	
-42	2326016-009	• NUT -----	1	A	
-43	AN919-23D	• TUBE ASSEMBLY-FUEL RH -----	1	A	
	MS29512-16	• REDUCER -----	1	A	
-44	AN938-12D	• GASKET-O RING -----	2	A	
-45	AN815-16D	• TEE -----	1	A	
	MS29512-16	• UNION -----	1	A	
-46	360-12D-0084	• GASKET-O RING -----	1	A	
-47	SEE FIGURE 56	• HOSE ASSY-FUEL RH -----	1	A	
-48	SEE FIGURE 56	• TUBE ASSY-PRESSURE SWITCH TO PUMP -----	REF	A	
-49	2326024-003	• TUBE ASSY-WING TO ENGINE LH -----	REF	A	
-50	2326024-007	• TUBE ASSY-WING & TIP TANK -----	2	A	
	AN815-4D	• TUBE ASSY-WING & TIP TANK -----	2	A	
-51	2326024-009	• CONNECTING PARTS			
	AN815-8D	• UNION -----	4	A	
-52	2326024-005	• TUBE ASSY-TIP TANK TO WING FUEL -----	2	A	
	AN832-8D	• CONNECTING PARTS			
	AN924-8D	• UNION -----	4	A	
-53	21547-3-2-6	• TUBE ASSY-TIP TANK TO WING FUEL -----	2	A	
	MS29512-8	• CONNECTING PARTS			
	AN924-8D	• UNION -----	2	A	
		• NUT -----	2	A	
		• SWITCH-THERMAL HOT FUEL LT -----	2	B	
		• GASKET-O RING -----	2	B	
		• NUT -----	2	B	
		A 070 & ON EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS			
		B 070 THRU 087 EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS			
		C 088 & ON EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS			
		D 070 & ON WHEN MOD PER SK23-190 EXCEPT A/C EQUIPPED WITH EJECTOR PUMPS			
		F USE WITH 2380146-002			
		G USE WITH 2380146-003			
		A---ATTACHING PARTS			

**Detail A****Detail B**

12-22D-2  
A12-11C-1  
B12-11C-1

Figure 63A. Wing Fuel Pump and Plumbing Installation

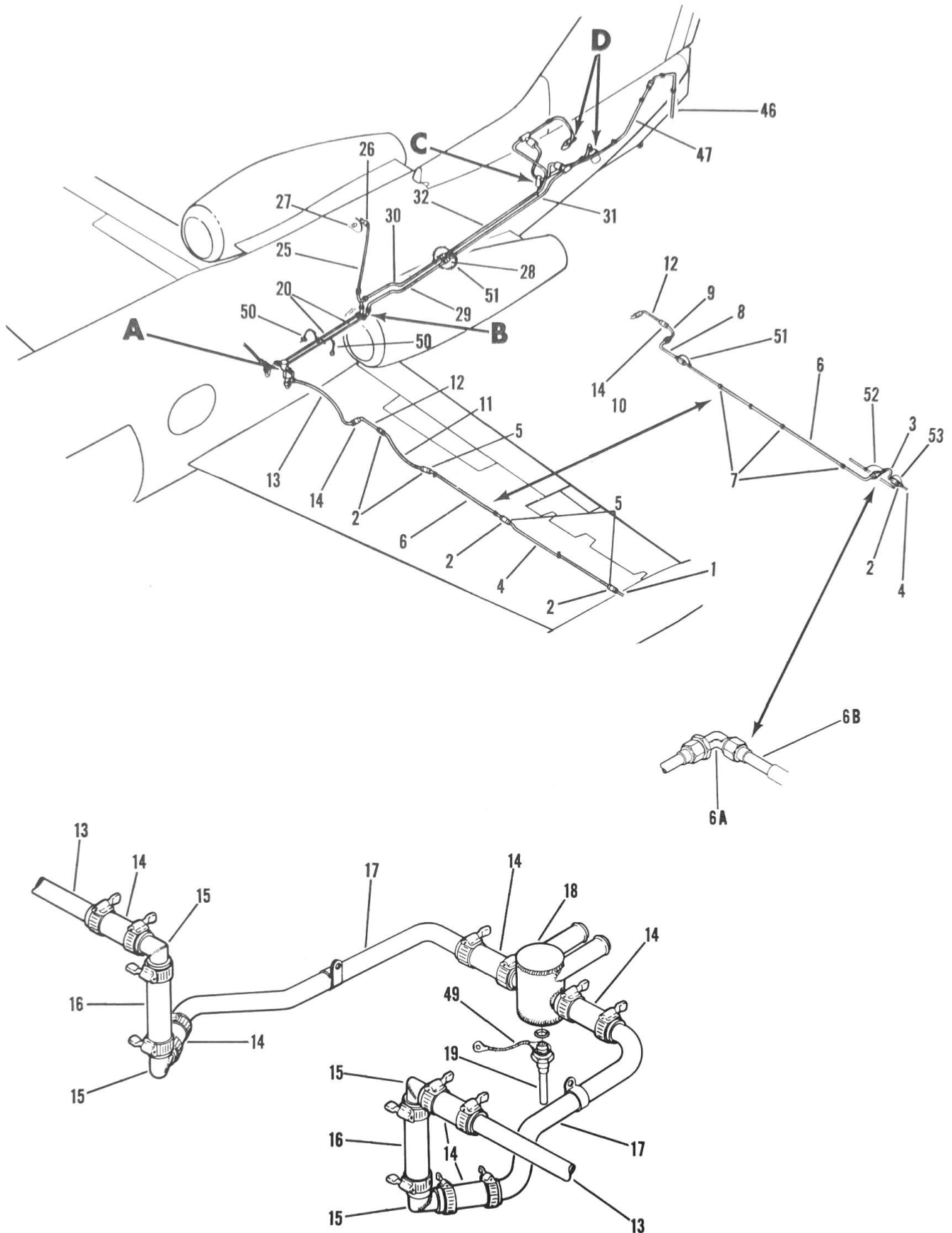
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
63A-		WING FUEL PUMP & PLUMBING INSTALLATION			
-1	2326023-001	• PUMP ASSEMBLY-EJECTOR WHEN EXHAUSTED USE 2326023-007 -----	2	A	
	2326023-007	• PUMP ASSEMBLY-EJECTOR -----	2	A	
	AN3-10A	A • BOLT -----	4	A	
	AN3-7A	A • BOLT -----	20	A	
	AN960010	A • WASHER -----	24	A	
-2	2380060-015	• PUMP ASSY-FUEL STANDBY -----	2	A	
	AN3-10A	A • BOLT -----	4	A	
	AN3-7A	A • BOLT -----	20	A	
	AN960010	A • WASHER -----	24	A	
-3	2326039-014	• TUBE ASSEMBLY-STANDBY PUMP -----	2	A	
	AN919-23D	• CONNECTING PARTS -----			
-4	2326039-010	• • REDUCER -----	2	A	
	2326039-016	• TUBE ASSEMBLY-FUEL LH -----	1	A	
-5	2380079-002	• TUBE ASSEMBLY-FUEL RH -----	1	A	
	MS29512-16	• VALVE ASSY-CHECK -----	4	A	
-6	AN938-16D	• GASKET-O RING -----	4	A	
		• TEE -----	2	A	
	AN815-16D	• CONNECTING PARTS -----			
	MS29512-16	• • UNION -----	2	A	
-7	950004-16D-0111	• • GASKET-O RING -----	2	A	
-8	2326039-005	• HOSE ASSEMBLY -----	2	A	
	2326039-008	• TUBE ASSEMBLY-EJECTOR PUMP LH -----	1	A	
-9	2326016-017	• TUBE ASSEMBLY-EJECTOR PUMP RH -----	1	A	
	2326016-019	• TUBE ASSEMBLY-DRAIN LH -----	1	A	
		• TUBE ASSEMBLY-DRAIN RH -----	1	A	
	AN815-4D	• CONNECTING PARTS -----			
	MS29512-4	• • UNION -----	2	A	
-10	950004-12D-0103	• • GASKET-O RING -----	2	A	
-11	2380078-007	• HOSE ASSEMBLY-FUEL -----	1	A	
	AV24811198	• VALVE ASSEMBLY-SHUT OFF B22 -----	1	A	
-12	2316004-003	• • VALVE-BALL -----	1	A	
-13	2380065-001	• TUBE ASSEMBLY-FUEL -----	1	A	
	MS29512-4	• VALVE-DRAIN -----	1	A	
-14	AN833-12D	• GASKET-O RING -----	1	A	
-15	AN924-12D	• ELBOW -----	1	A	
	AN96001716	• NUT -----	1	A	
-16	2326039-003	• WASHER -----	1	A	
-17	AN815-12D	• TUBE ASSEMBLY-FUEL -----	1	A	
	MS29512-12	• UNION -----	2	A	
-18	AN938-12D	• GASKET-O RING -----	2	A	
-19	AN919-23D	• TEE -----	1	A	
-20	360-12D-0076	• REDUCER -----	1	A	
-21	2326024-003	• HOSE ASSEMBLY-FUEL -----	1	A	
		• TUBE ASSEMBLY-WING MOTIVE FLOW -----	2	A	
	AN815-4D	• CONNECTING PARTS -----			
-22	2326024-011	• • UNION -----	1	A	
		• TUBE ASSEMBLY-WING MOTIVE FLOW -----	2	A	
	AN815-4D	• CONNECTING PARTS -----			
-23	2326024-013	• • UNION -----	1	A	
		• TUBE ASSEMBLY-WING MOTIVE FLOW -----	2	A	
	AN815-4D	• CONNECTING PARTS -----			
-24	2326024-005	• • UNION -----	1	A	
		• TUBE ASSY-TIP TANK TO WING FUEL -----	2	A	
	AN815-8D	• CONNECTING PARTS -----			
-25	2326024-015	• • UNION -----	1	A	
		• TUBE ASSEMBLY-WING FUEL -----	2	A	
	AN815-8D	• CONNECTING PARTS -----			
-26	2326024-017	• • UNION -----	1	A	
		• TUBE ASSEMBLY-WING FUEL -----	2	A	
	AN815-8D	• CONNECTING PARTS -----			
		• • UNION -----	1	A	
	A	003 & ON WHEN EJECTOR FUEL PUMPS ARE INSTALLED IN THE WING & TIP TANKS			
	B	SPARE FOR 2326023-001			
		A---ATTACHING PARTS			



12-22D-4

Figure 63B. Wing Fuel Pump Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
638-		WING FUEL PUMP INSTALLATION		A	
-1	2326023-009	• PUMP ASSEMBLY-EJECTOR MAIN FUEL -----	2	A	
	AN3-10A	A • BOLT -----	24	A	
	AN960D10	A • WASHER -----	24	A	
	RB11226	A • GASKET-EJECTOR PUMP -----	1	A	
-2	2380060-015	• PUMP ASSEMBLY-ELECTRIC STANDBY FUEL -----	2	A	
	AN3-10A	A • BOLT -----	24	A	
	AN960D10	A • WASHER -----	24	A	
	RB11226	A • GASKET -----	2	A	
-3	701126-6D-0122	• HOSE ASSEMBLY-FUEL -----	2	A	
-4	3605-16D	• CONNECTOR -----	2	A	
	MS29513-214	• GASKET-O RING -----	2	A	
-5	2381017-003	• TUBE ASSEMBLY-FUEL LH -----	1	A	
	2481017-004	• TUBE ASSEMBLY-FUEL RH -----	1	A	
-6	2660002	• VALVE ASSY-CHECK FUEL -----	4	A	
	MS29512-16	• GASKET-O RING -----	4	A	
-7	AN938-16D	• TEE -----	2	A	
-8	2481017-011	• TUBE ASSEMBLY-FUEL LH -----	1	A	
	2481017-013	• TUBE ASSEMBLY-FUEL RH -----	1	A	
-9	NAS1564D16-12	• REDUCER -----	2	A	
	AN818-16D	• NUT -----	2	A	
-10	AN815-16D	• UNION -----	2	A	
	MS29512-16	• GASKET-O RING -----	2	A	
-11	601002-16D-0103	• HOSE ASSEMBLY-FUEL -----	2	A	
		A 018 THRU 069 WHEN EJECTOR FUEL PUMPS ARE INSTALLED IN THE WING ONLY			
		A---ATTACHING PARTS			

**Detail A**

12-17C  
12-17C-1  
A12-17C

Figure 64. Fuel Vent System Installation (Sheet 1 of 2)

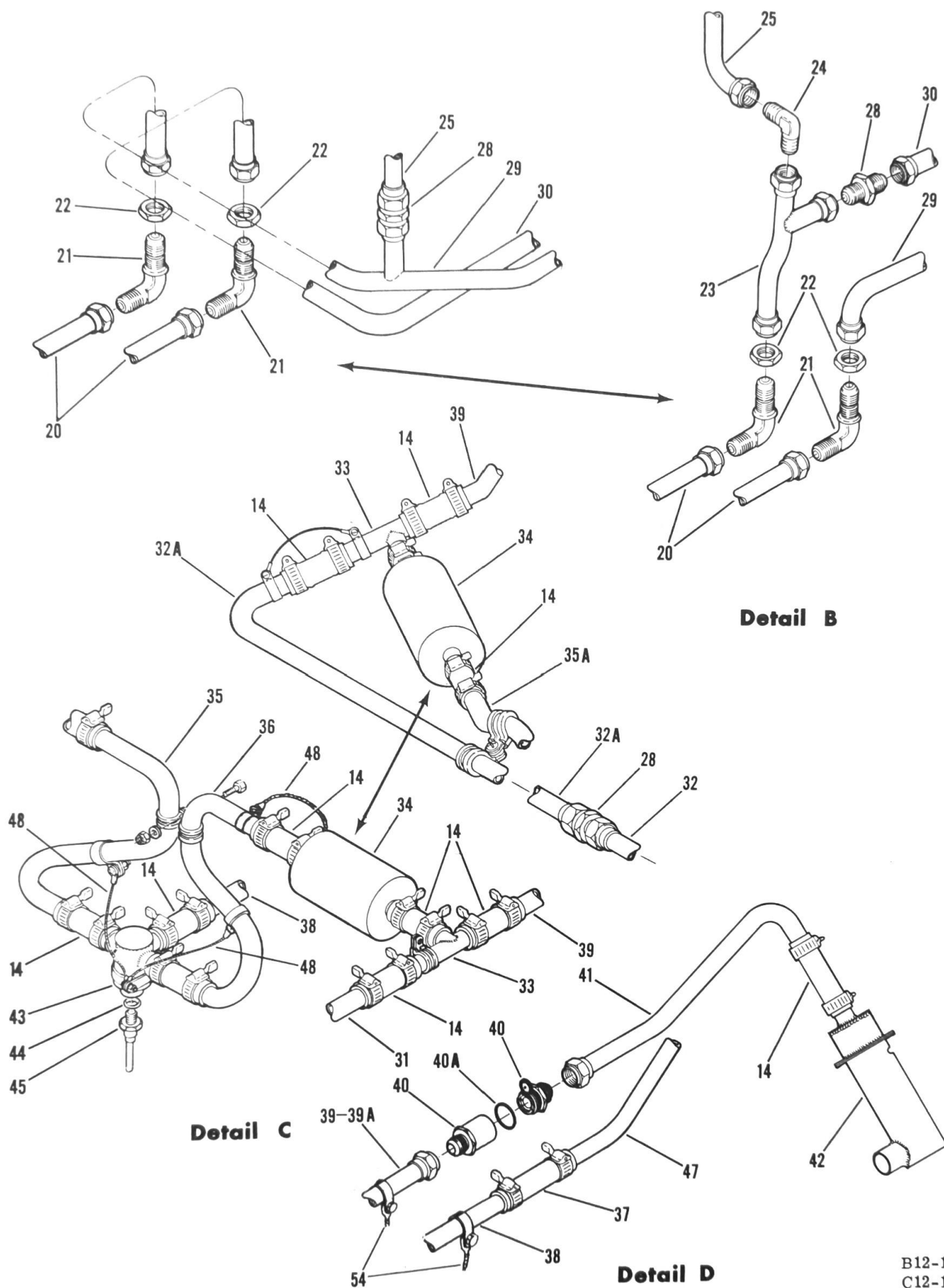


Figure 64. Fuel Vent System Installation (Sheet 2 of 2)

LIMITED EFFECTIVITY Serial Code A



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
64 -		FUEL VENT SYSTEM INSTALLATION		A	
-1	SEE FIGURE 67	• VENT LINES INSTL-TIP TANK -----	REF	A	
-2	2326000-054	• HOSE -----	6	G	
	2326000-054	• HOSE -----	2	H	
	2326000-054	• HOSE -----	5	J	
	WWD34	A • CLAMP -----	12	G	
	WWD34	• CLAMP -----	4	H	
	MS35842-11	A • CLAMP -----	10	J	
	AN742D12	A • CLAMP -----	6	J	
	520-10R8	A • SCREW -----	6	J	
	MS20364-1032	A • NUT -----	6	J	
	MS25083-1886	A • JUMPER - BOND -----	3	J	
-3	2326017-009	• TUBE ASSEMBLY LH -----	1	E	
	2326017-010	• TUBE ASSEMBLY RH -----	1	E	
-4	2326000-064	• TUBE ASSEMBLY WING -----	2	D	
-5	MS21919DF12	• CLAMP -----	8	A	
	AN3-3A	A • BOLT -----	8	A	
	MS20364-1032	A • NUT -----	8	A	
-6	2326000-065	• TUBE ASSEMBLY WING -----	2	G	
	2381401-032	• TUBE ASSEMBLY WING LH & RH -----	2	J	
	2326017-007	• TUBE ASSEMBLY LH -----	1	E	
	2326017-008	• TUBE ASSEMBLY RH -----	1	E	
	AN832-12D	• UNION -----	4	K	
	AN960PD1716	A • WASHER -----	4	K	
	AN924-12D	A • NUT -----	4	K	
	AN742D12	• CLAMP -----	2	J	
	AN520-10R8	• SCREW -----	2	J	
	MS20364-1032	• NUT -----	2	J	
	MS25083-1883	• JUMPER - BOND -----	1	J	
-6A	AN833-12D	• ELBOW -----	1	J	
	AN924-12D	• NUT -----	1	J	
-6B	2381401-034	• TUBE ASSEMBLY WING LH & RH -----	2	J	
-7	NAS557-12B	• GROMMET -----	6	E	
-8	2326017-003	• TUBE ASSEMBLY -----	2	K	
-9	2326017-005	• TUBE ASSEMBLY -----	2	K	
-10	2326000-054	• HOSE -----	2	E	
	MS35842-2	A • CLAMP ASSEMBLY -----	4	E	
-11	2326000-031	• TUBE ASSEMBLY LH -----	1	G	
	2326000-032	• TUBE ASSEMBLY RH -----	1	G	
	2381401-029	• TUBE WING LH & RH -----	2	J	
-12	2326000-029	• TUBE ASSEMBLY LH -----	1	A	
	2326000-030	• TUBE ASSEMBLY RH -----	1	A	
-13	2326011-009	• TUBE ASSEMBLY LH -----	1	A	
	2326011-010	• TUBE ASSEMBLY RH -----	1	A	
-14	2326000-054	• HOSE -----	20	A	
	WWD34	A • CLAMP -----	40	A	
-15	2326011-022	• ELBOW ASSY FOR SPARES USE -----			
	2326011-024	• ELBOW ASSEMBLY -----	4	A	
-16	2326011-008	• HOSE -----	4	A	
	WWD34	A • CLAMP -----	2	A	
-17	2326011-011	• TUBE ASSEMBLY -----	4	A	
	MS21919DG12	A • CLAMP -----	2	A	
	NAS221-7	A • SCREW -----	2	A	
-18	2316014-001	• SUMP ASSEMBLY -----	1	A	
-19	2380065-001	• VALVE-DRAIN -----	1	B	
	MS29512-4	• GASKET-O RING -----	1	A	
-20	2316011-006	• TUBE ASSEMBLY LH -----	1	A	
	2316011-004	• TUBE ASSEMBLY RH -----	1	A	
-21	AN833-12D	• ELBOW -----	2	A	
-22	AN6289D12	• NUT -----	2	A	
-23	2316015-006	• TUBE ASSEMBLY -----	1	L	
-24	AN521-12D	• ELBOW -----	1	L	
-25	2316011-036	• TUBE ASSEMBLY -----	1	L	
	2316011-057	• TUBE ASSEMBLY -----	1	M	
-26	2316011-031	• HOSE -----	1	A	
	MS35842-1	A • CLAMP ASSEMBLY -----	2	A	
-27	2311411-015	• DOOR-FUEL VENT ACCESS -----	1	A	
	FCA25751	A • GASKET-FUEL VENT ACCESS DOOR -----			
		FOR SPARES USE 6600327-008 -----	1	A	
	6600327-008	A • GASKET-FUEL VENT ACCESS DOOR -----	1	A	
	AN4H10A	A • BOLT -----	12	A	
-28	AN815-12D	• UNION -----	AR	A	
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
64 -29	2316011-008	• TUBE ASSEMBLY -----	1	L	
	2316011-067	• TUBE ASSEMBLY -----	1	M	
-30	2316011-010	• TUBE ASSEMBLY -----	1	L	
	2316011-059	• TUBE ASSEMBLY -----	1	M	
-31	2316011-045	• TUBE ASSEMBLY -----	1	L	
	2316011-063	• TUBE ASSEMBLY -----	1	M	
-32	2316011-043	• TUBE ASSEMBLY -----	1	L	
	2316011-061	• TUBE ASSEMBLY -----	1	M	
-32A	2316011-065	• TUBE ASSEMBLY -----	1	M	
-33	2316020-001	• TUBE ASSEMBLY -----	1	M	
-34	2314161-001	• VALVE-CHECK WHEN EXHAUSTED USE	2	A	
	2314161-002	• VALVE-CHECK ALT WHEN EXHAUSTED	2	A	
	201-1003-001	USE 2314161-002 -----	2	A	
	2314161-002	• VALVE-CHECK -----	2	A	
-35	2316011-042	• TUBE -----	1	L	
-35A	2316011-055	• TUBE -----	1	M	
-36	2316011-041	• TUBE ASSEMBLY -----	1	A	
-37	2316011-030	• HOSE -----	2	A	
	WWD46	A • CLAMP -----	2	A	
-38	2316011-039	• TUBE ASSEMBLY -----	1	A	
-39	2316011-047	• TUBE ASSEMBLY LH -----	1	A	
	2316011-049	• TUBE ASSEMBLY RH -----	1	L	
	2316011-053	• TUBE ASSEMBLY RH -----	1	M	
-40	1111-517705	• VALVE-CHECK -----	2	A	
	MS21919DG24	A • CLAMP -----	2	A	
-40A	6-1245-75-9	• • WASHER-CRUSH FOR SPARES USE	2	A	
	F61A1718-9	• • WASHER-CRUSH -----	2	A	
-41	2316011-022	• TUBE ASSEMBLY -----	1	A	
	2316011-020	• TUBE ASSEMBLY LH -----	1	A	
-42	2316017-023	• TUBE ASSEMBLY RH -----	1	A	
-43	2316016-001	• MAST ASSEMBLY -----	2	A	
	MS21919DG24	• TUBE ASSEMBLY -----	1	A	
-44	MS29512-4	A • CLAMP -----	1	A	
-45	2380065-001	• GASKET-O RING -----	1	A	
-46	2316011-035	• VALVE-DRAIN -----	1	B	
	MS21919DG16	• TUBE ASSEMBLY -----	1	A	
	AN3-5A	A • CLAMP -----	2	A	
	AN960D10L	A • BOLT -----	4	A	
	MS20365-1032	A • WASHER -----	4	A	
-47	2316011-040	A • NUT -----	4	A	
-48	MS25083-2888	• TUBE ASSEMBLY -----	1	A	
-49	MS25083-1886	• JUMPER-BOND -----	3	C	
	AN742D12	• JUMPER-BOND -----	1	C	
	AN520-10R8	A • CLAMP -----	1	C	
	MS20364-1032	A • SCREW -----	1	C	
-50	MS25083-2886	A • NUT -----	1	C	
	AN742D12	• JUMPER-BOND -----	2	C	
	AN520-10R8	A • CLAMP -----	2	C	
	MS20364-1032	A • SCREW -----	2	C	
-51	MS25083-1887	A • NUT -----	2	C	
	AN742D12	• JUMPER-BOND -----	3	C	
	AN520-10R8	A • CLAMP -----	2	C	
	MS20364-1032	A • SCREW -----	2	C	
-52	MS25083-1883	• NUT -----	2	C	
	AN742D12	• JUMPER-BOND -----	1	C	
	AN520-10R8	A • CLAMP -----	2	C	
	MS20364-1032	A • SCREW -----	2	C	
-53	MS25083-1886	• NUT -----	2	C	
	AN742D12	• JUMPER-BOND -----	1	C	
	AN520-10R8	A • CLAMP -----	2	C	
	MS20364-1032	A • SCREW -----	2	C	
		A • NUT -----	2	C	
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
64 -54	MS25083-2886 AN742D12 NAS221-8 MS20364-1032	• JUMPER-BOND -----	3	F	
		A • CLAMP -----	3	F	
		A • SCREW -----	3	F	
		A • NUT -----	3	F	
		A 003 THRU 050, 051 THRU 079 EXCEPT A/C MOD PER SK23-165			
		B 003 THRU 050, 051 THRU 079 WHEN MOD PER SK23-190 EXCEPT A/C MOD PER SK23-165			
		C 003 THRU 050, 051 THRU 079 WHEN MOD PER SK23-201 EXCEPT A/C MOD PER SK23-165			
		D 003 THRU 050, 051 THRU 069 EXCEPT A/C MOD PER SK23-165			
		E 070 THRU 079 EXCEPT A/C MOD PER SK23-165			
		F 003 THRU 050, 051 THRU 079 WHEN MOD PER SK23/24-272 EXCEPT A/C MOD PER SK23-165			
		G 003 THRU 050, 051 THRU 069 EXCEPT A/C MOD PER AMK73-5			
		H 070 THRU 079 EXCEPT A/C MOD PER AMK73-5			
		J 003 THRU 069 WHEN MOD PER AMK73-5B EXCEPT PREVIOUS A/C MODIFIED WITH A DUAL ACTUATOR SYSTEM			
		K 070 THRU 079 & A/C MOD PER AMK73-5			
		L 003 THRU 050, 051 THRU 079 EXCEPT A/C MOD PER SK23-165			
		M 003 THRU 050, 051 THRU 079 WHEN MOD PER SK23-165			
		A---ATTACHING PARTS			

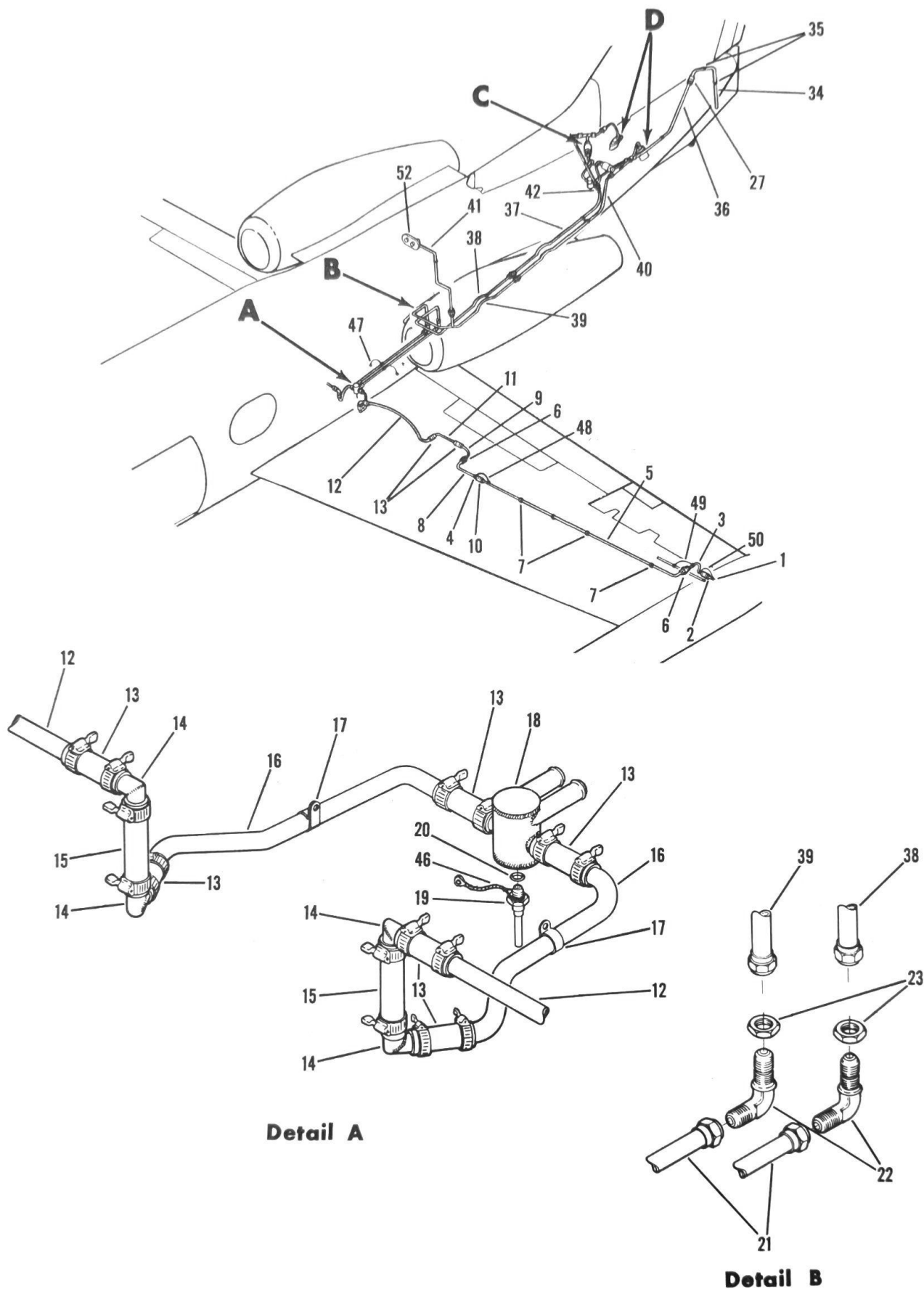
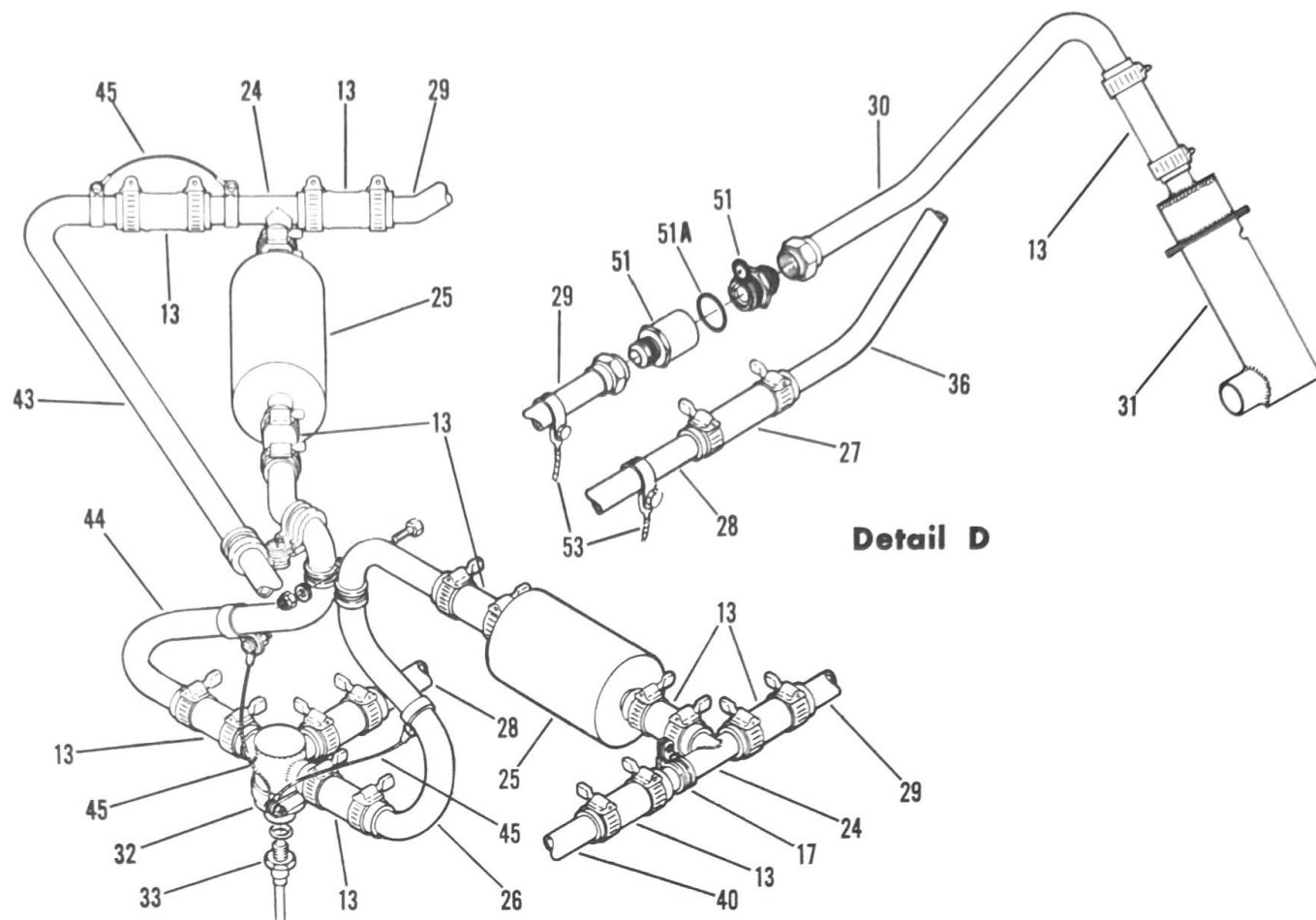


Figure 65. Fuel Vent System Installation (Sheet 1 of 2)

12-17C-1  
A12-17C  
B12-18C



Detail C

Detail D

C12-18C  
D12-17C

Figure 65. Fuel Vent System Installation (Sheet 2 of 2)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
65 -		FUEL VENT SYSTEM INSTALLATION			
-1	2326000-064	• TUBE ASSEMBLY WING -----	2	A	
-2	2326000-054	• HOSE -----	2	A	
	WWD34	A • CLAMP -----	4	A	
-3	2326017-009	• TUBE ASSEMBLY LH -----	1	A	
	2326017-010	• TUBE ASSEMBLY RH -----	1	A	
-4	MS21919DF12	• CLAMP -----	2	A	
	AN3-3A	• BOLT -----	2	A	
	MS20364-1032	A • NUT -----	2	A	
-5	2326017-007	• TUBE ASSEMBLY LH -----	1	A	
	2326017-008	• TUBE ASSEMBLY RH -----	1	A	
-6	AN832-12D	• UNION -----	4	A	
	AN960PD1716	A • WASHER -----	4	A	
	AN924-12D	A • NUT -----	4	A	
-7	NAS557-12B	• GROMMET -----	6	A	
-8	2326017-003	• TUBE ASSEMBLY -----	2	A	
-9	2326017-005	• TUBE ASSEMBLY -----	2	A	
-10	2326000-054	• HOSE -----	2	A	
	MS35842-2	A • CLAMP ASSEMBLY -----	4	A	
-11	2326000-029	• TUBE ASSEMBLY LH -----	1	A	
	2326000-030	• TUBE ASSEMBLY RH -----	1	A	
-12	2326011-009	• TUBE ASSEMBLY LH -----	1	A	
	2326011-010	• TUBE ASSEMBLY RH -----	1	A	
-13	2326000-054	• HOSE -----	20	A	
-14	WWD34	A • CLAMP -----	40	A	
	2326011-022	• ELBOW ASSY FOR SPARES USE	4	A	
	2326011-024	• ELBOW ASSY -----	4	A	
	2326011-024	CONTINUED			
		A---ATTACHING PARTS			

LIMITED EFFECTIVITY Serial Code A

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
65 -15	2326011-008	• HOSE -----	2	A	
	WWD34	A • CLAMP -----	2	A	
-16	2326011-011	• TUBE ASSEMBLY -----	2	A	
-17	MS21919DG12	A • CLAMP -----	4	A	
	NAS221-7	• SCREW -----	1	A	
-18	2316014-001	• SUMP ASSEMBLY -----	1	A	
-19	2380065-001	• VALVE-DRAIN -----	1	A	
-20	MS29512-4	• GASKET-O RING -----	1	A	
-21	2316011-006	• TUBE ASSEMBLY LH -----	1	A	
	2316011-004	• TUBE ASSEMBLY RH -----	1	A	
-22	AN833-120	• ELBOW -----	2	A	
-23	AN6289D12	• NUT -----	2	A	
-24	2316020-001	• TUBE ASSEMBLY -----	2	A	
-25	2314161-001	• VALVE-CHECK WHEN EXHAUSTED USE 2314161-002 -----	2	A	
	201-1003-001	• VALVE-CHECK ALT WHEN EXHAUSTED USE 2314161-002 -----	2	A	
	2314161-002	• VALVE-CHECK -----	2	A	
-26	2316011-041	• TUBE ASSEMBLY -----	1	A	
-27	2316011-030	• HOSE -----	2	A	
	WWD46	A • CLAMP -----	2	A	
-28	2316011-039	• TUBE ASSEMBLY -----	1	A	
-29	2316011-047	• TUBE ASSEMBLY LH -----	1	A	
	2316011-053	• TUBE ASSEMBLY RH -----	1	A	
-30	2316011-022	• TUBE ASSEMBLY LH -----	1	A	
	2316011-020	• TUBE ASSEMBLY RH -----	1	A	
-31	2316017-023	• MAST ASSEMBLY -----	2	A	
-32	2316016-001	• TUBE ASSEMBLY -----	1	A	
	MS21919DG24	A • CLAMP -----	1	A	
-33	50BSH-4G	• VALVE-DRAIN FOR SPARES ORDER 2380065-001 -----	1	A	
	2380065-001	• VALVE-DRAIN -----	1	E	
	MS29512-4	• GASKET-O RING -----	1	A	
-34	2316011-035	• TUBE ASSEMBLY -----	1	A	
-35	MS21919DG16	A • CLAMP -----	2	A	
	AN3-5A	A • BOLT -----	4	A	
	AN960D10L	A • WASHER -----	4	A	
	MS20365-1032	• NUT -----	4	A	
-36	2316011-040	• TUBE ASSEMBLY -----	1	A	
-37	2316011-061	• TUBE ASSEMBLY-FUEL VENT -----	1	A	
-38	2316011-059	• TUBE ASSEMBLY-FUEL VENT -----	1	A	
-39	2316011-067	• TUBE ASSEMBLY-FUEL VENT -----	1	A	
-40	2316011-063	• TUBE ASSEMBLY-FUEL VENT -----	1	A	
-41	2316011-057	• TUBE ASSEMBLY-FUEL VENT -----	1	A	
-42	AN815-120	• UNION -----	1	A	
-43	2316011-065	• TUBE ASSEMBLY-FUEL VENT WHEN EXHAUSTED USE 2316011-078 -----	1	A	
	2316011-078	• TUBE ASSEMBLY-FUEL VENT -----	1	A	
-44	2316011-055	• TUBE ASSEMBLY-FUEL VENT -----	1	A	
-45	MS25083-2888	• JUMPER-BOND -----	3	D	
-46	MS25083-1886	• JUMPER-BOND -----	1	D	
	AN742D12	• CLAMP -----	1	D	
	AN520-10R8	• SCREW -----	1	D	
	MS20364-1032	• NUT -----	1	D	
-47	MS25083-2886	• JUMPER-BOND -----	2	D	
	AN742D12	A • CLAMP -----	2	D	
	AN520-10R8	A • SCREW -----	2	D	
	MS20364-1032	A • NUT -----	2	D	
-48	MS25083-1887	• JUMPER-BOND -----	1	D	
	AN742D12	A • CLAMP -----	2	D	
	AN520-10R8	A • SCREW -----	2	D	
	MS20364-1032	A • NUT -----	2	D	
-49	MS25083-1883	• JUMPER-BOND -----	1	D	
	AN742D12	A • CLAMP -----	2	D	
	AN520-10R8	A • SCREW -----	2	D	
	MS20364-1032	A • NUT -----	2	D	
-50	MS25083-1886	• JUMPER-BOND -----	1	D	
	AN742D12	A • CLAMP -----	2	D	
	AN520-10R8	A • SCREW -----	2	D	
	MS20364-1032	A • NUT -----	2	D	
-51	1111-517705	• VALVE-CHECK -----	2	A	
	MS21919DG24	A • CLAMP -----	2	A	
-51A	6-1245-75-9	• • WASHER-CRUSH FOR SPARES USE F61A1718-9 -----	2	A	
	F61A1718-9	• • WASHER-CRUSH -----	2	A	
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
65 -52    -53	2311411-015	. DOOR-FUEL VENT ACCESS -----	1	A	
	FCA25751	A . GASKET-FUEL VENT ACCESS DOOR WHEN EXHAUSTED USE 6600327-008 -----	1	A	
	6600327-008	A . GASKET-FUEL VENT ACCESS DOOR -----	1	A	
	MS25083-2886	. JUMPER-BOND -----	3	B	
	AN742D12	A . CLAMP -----	3	B	
	NAS221-8	A . SCREW -----	3	B	
	MS20364-1032	A . NUT -----	3	B	
		A 050A & 080 & ON			
		B 050A & 080 & ON WHEN MOD PER SK23/24-272			
		D 090 & ON & A/C MOD PER SK23-201			
		E SPARE FOR 50BSH-4G			
		A---ATTACHING PARTS			

LIMITED EFFECTIVITY Serial Code A



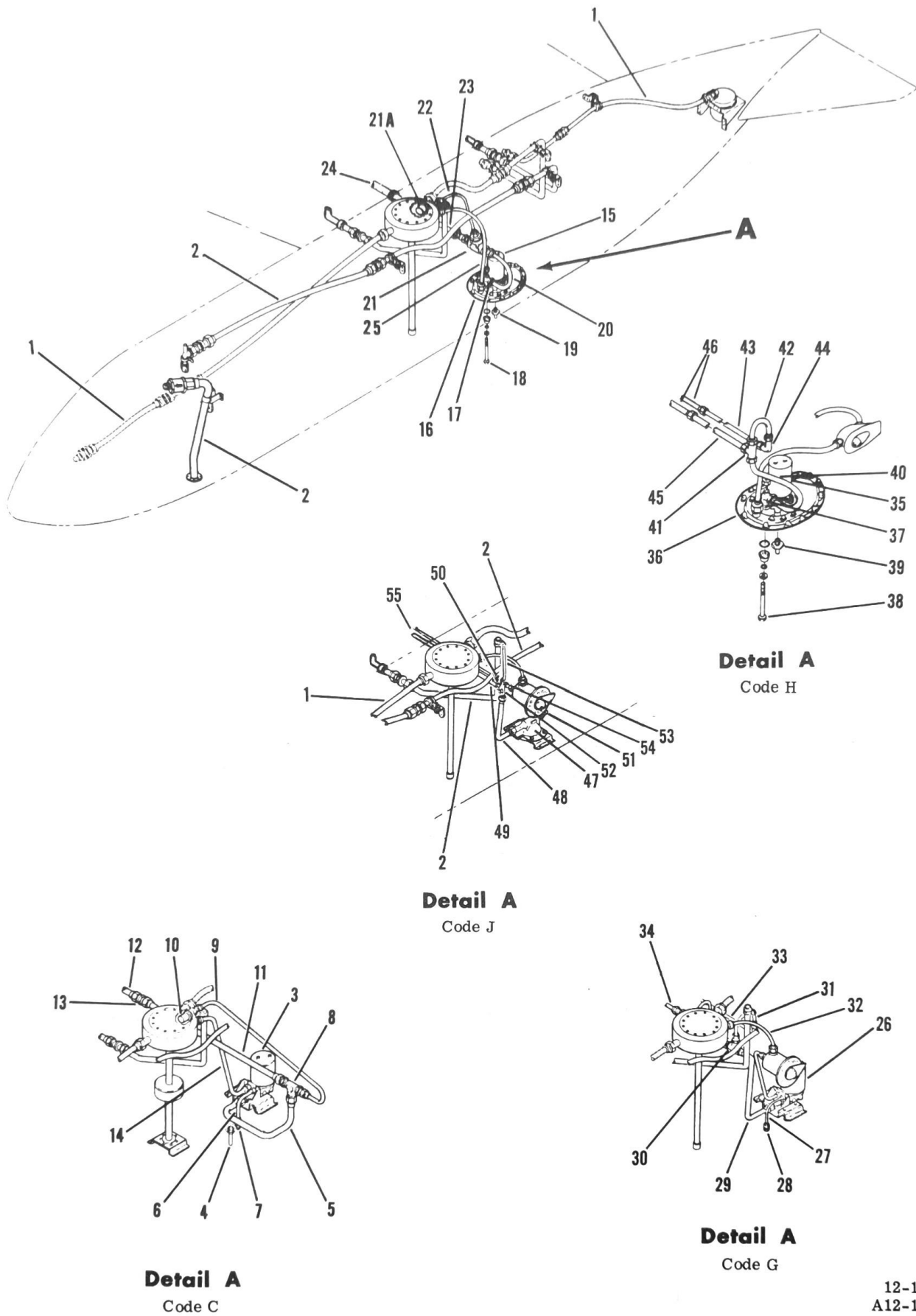


Figure 66. Tip Tank Plumbing and Equipment Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
66 -		TIP TANK PLUMBING & EQUIPMENT INSTL		A	
-1	SEE FIGURE 9A	• ELECTRICAL CONDUIT INSTL-TIP TANK	REF	B	
-2	SEE FIGURE 67	• VENT LINES INSTL-TIP TANK	REF	B	
-3	2380146-003	• TIP TANK FUEL PUMP & PLBG INSTL L & R	2	C	
	MS20365-428C	• PUMP ASSY-FUEL ELECTRICAL	1	C	
	AN960D416	A • NUT	4	C	
-4	2380065-001	A • WASHER	4	C	
-5	2323046-049	• VALVE-DRAIN	1	C	
-6	2323046-051	• TUBE ASSY-FUEL SUPPLY TO WING	1	C	
-7	AN832-4D	• TUBE ASSY-DRAIN	1	C	
	AN960D716	• UNION	1	C	
	NAS1515C7H	• WASHER	1	C	
	AN924-4D	• WASHER	1	C	
-8	AN784D12	• NUT	1	C	
	AN924-12D	• TEE	1	C	
-9	2323046-037	• NUT	1	C	
	2323046-039	• TUBE ASSY-PRESS SWITCH LH	1	C	
-10	1G134	• TUBE ASSY-PRESS SWITCH RH	1	C	
-11	2323046-047	• SWITCH-FUEL PRESSURE	1	C	
-12	2323046-046	• TUBE ASSY-FUEL SUPPLY TO WING	1	C	
	MS20819-12D	• TUBE-FUEL SUPPLY TO WING	1	C	
	2323046-069	A • SLEEVE	1	C	
-13	AN832-12D	A • NUT-COUPLING	1	C	
	AN924-12D	• UNION-TANK FUEL SUPPLY TUBE	1	C	
	2323046-017	A • NUT	1	C	
-14	SEE FIGURE 9A	A • WASHER	1	C	
		• TUBE ASSY-FUEL PUMP ELEC CONDUIT	REF	B	
-15	2380060-014	• TIP TANK FUEL PUMP & PLBG INSTL L & R	2	D	
	2380096-003	• PUMP ASSY-FUEL ELECTRICAL	1	D	
		• PUMP ASSY-FUEL ELECTRICAL ALT			
		FOR 2380060-014	1	D	
	AN4-6A	A • BOLT	12	D	
	AN960D416L	A • WASHER	12	D	
-16	2323067-006	A • GASKET-FUEL PUMP	1	D	
	SEE FIGURE 9	• COVER INSTL-FUEL PUMP ACCESS	REF	B	
-17	RD11373-1	• FITTING	1	D	
-18	MS20073-04-42	A • BOLT	1	D	
	RB11378	A • FITTING-CAP	1	D	
	MS29513-113	A • GASKET-O RING	1	D	
	MS29513-10	A • GASKET-O RING	2	D	
	RB11374	• GASKET	1	D	
	AN960D416	A • WASHER	2	D	
	MS20365-428	A • NUT	1	D	
-19	2323067-005	• ADAPTER	1	D	
-20	2323046-089	• TUBE ASSY-FUEL SUPPLY TO WING	1	D	
-21	AN938-12D	• TEE	1	D	
	AN924-12D	• NUT	1	D	
	AN919-16D	• REDUCER	1	D	
	AN832-12D	• UNION	1	D	
	AN815-12D	• UNION	1	D	
-21A	1G134	• SWITCH-FUEL PRESSURE	1	D	
-22	2323046-093	• TUBE ASSY-PRESS SWITCH LH	1	D	
	2323046-094	• TUBE ASSY-PRESS SWITCH RH	1	D	
-23	2323046-047	• TUBE ASSY-FUEL SUPPLY TO WING	1	E	
-24	2323046-046	• TUBE-FUEL SUPPLY TO WING	1	E	
	MS20819-12D	• SLEEVE	1	E	
	2323046-069	• NUT-COUPLING	1	E	
	2392001-014	• TUBE ASSY-FUEL SUPPLY TO WING	1	F	
-25	SEE FIGURE 9A	• TUBE ASSY-FUEL PUMP ELEC CONDUIT	REF	B	
		• TIP TANK FUEL PUMP & PLBG INSTL L & R	1	G	
-26	2380146-003	• PUMP ASSY-FUEL ELECTRICAL	1	G	
	AN4H5A	A • BOLT	4	G	
-27	2323046-600-5	• TUBE ASSY-PUMP DRAIN	1	G	
-28	AN832-4D	• UNION-PUMP DRAIN TUBE	1	G	
	AN924-4D	• NUT	1	G	
-29	2323046-600-7	• TUBE ASSY-FUEL SUPPLY TO WING	1	G	
	2323046-600-9	• TUBE ASSY-FUEL SUPPLY TO WING	1	G	
-30	AN738D8	• TEE	1	G	
	AN919-10D	• REDUCER	1	G	
	MS29512-8	• GASKET-O RING	1	G	
-31	2323046-600-3	• TUBE ASSY-FUEL SUPPLY TO WING AFT	1	G	
-32	AN821-4D	• ELBOW	1	G	
-33	2323046-113	• TUBE ASSY-FUEL SUPPLY TO WING AFT	1	G	
	2323046-115	• TUBE ASSY-FUEL SUPPLY TO WING FWD	1	G	
-34	SEE FIGURE 63A	• TUBE ASSY-TIP TANK TO WING FWD & AFT	REF	B	
		• TIP TANK FUEL PUMP & PLBG INSTL L & R	1	H	
-35	2380060-014	• PUMP ASSY-FUEL ELECTRIC	1	H	
	2380096-003	• PUMP ASSY-FUEL ELECTRIC ALT			
		FOR 2380060-014	1	H	
	AN4-6A	A • BOLT	12	H	
	AN960D416L	A • WASHER	12	H	

CONTINUED

A---ATTACHING PARTS

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
66 -	2323067-006	A . . GASKET-FUEL PUMP -----	1	H	
-36	SEE FIGURE 9	. . COVER INSTL-FUEL PUMP ACCESS -----	1	H	
-37	RD11373-1	. . FITTING -----	1	H	
-38	MS20073-04-42	A . . BOLT -----	1	H	
	RB11378	A . . FITTING-CAP -----	1	H	
	MS29513-113	A . . GASKET-O RING -----	2	H	
	MS29513-10	A . . GASKET-O RING -----	1	H	
	RB11374	. . GASKET -----	2	H	
	AN960D416	A . . WASHER -----	1	H	
	MS20365-428	A . . NUT -----	1	H	
-39	2323067-005	. . ADAPTER -----	1	H	
-40	2392001-018	. . TUBE ASSY-FUEL SUPPLY TO WING LH -----	1	H	
	2392001-023	. . TUBE ASSY-FUEL SUPPLY TO WING RH -----	1	H	
-41	AN824-12D	. . TEE -----	1	H	
	NAS564D12-4	. . REDUCER -----	1	H	
	NAS564D12-8	. . REDUCER -----	2	H	
	AN818-12D	. . NUT -----	1	H	
-42	2392001-020	. . TUBE ASSY-FUEL SUPPLY TO WING AFT -----	1	H	
-43	2392001-113	. . TUBE ASSY-FUEL SUPPLY TO WING AFT -----	1	H	
-44	AN821-4D	. . ELBOW -----	1	H	
-45	2392001-115	. . TUBE ASSY-FUEL SUPPLY TO WING FWD -----	REF	B	
-46	SEE FIGURE 63A	. . TUBE ASSY-TIP TANK TO WING FWD & AFT -----	1	J	
		. . TIP TANK FUEL PUMP & PLBG INSTL L & R -----			
-47	2326023-002	. . PUMP ASSY-FUEL EJECTOR WHEN EXHAUSTED USE 2326023-008 -----	1	J	
	2326023-008	. . PUMP ASSY-FUEL EJECTOR ALT FOR 2326023-002 WHEN EXHAUSTED USE 2326023-010 -----	1	J	
	2326023-010	. . PUMP ASSY-FUEL EJECTOR ALT FOR 2326023-008 WHEN EXHAUSTED USE 2326023-012 -----	1	J	
	2326023-012	. . PUMP ASSY-FUEL EJECTOR ALT FOR 2326023-010 -----	1	J	
	AN3-5A	. . BOLT -----	4	J	
	AN960-10L	. . WASHER -----	4	J	
-48	2323046-109	. . TUBE ASSY-FUEL SUPPLY TO WING -----	1	J	
-49	2323046-115	. . TUBE ASSY-FUEL SUPPLY TO WING -----	1	J	
-50	2323046-113	. . TUBE ASSY-MOTIVE FLOW FUEL TO PUMP -----	1	J	
-51	2323046-117	. . TUBE ASSY-MOTIVE FLOW FUEL TO PUMP -----	1	J	
-52	AN824-8D	. . TEE -----	1	J	
-53	2423011-001	. . STANDPIPE ASSY -----	1	J	
	NAS1564D8-4	A . . REDUCER-STANDPIPE CONNECTOR -----	1	J	
	AN818-8D	A . . NUT-STANDPIPE CONNECTOR -----	1	J	
-54	AN821-4D	. . ELBOW-MOTIVE FLOW FUEL LINE -----	1	J	
-55	SEE FIGURE 63A	. . TUBE ASSY-TIP TANK TO WING FWD & AFT -----	REF	B	
		A 003 & ON			
		B SEE REF FIGURE FOR USAGE			
		C 003 THRU 016 EXCEPT A/C WITH TIP TANK EJECTOR FUEL PUMPS INSTLD OR A/C MOD PER AMK71-9			
		D 003 THRU 016 WHEN MOD PER AMK71-9 & ON 017 THRU 069 EXCEPT A/C WITH TIP TANK EJECTOR FUEL PUMPS INSTLD			
		E 017 THRU 069 EXCEPT A/C WITH TIP TANK EJECTOR FUEL PUMPS INSTLD OR MOD PER AMK71-9			
		F 003 THRU 069 WHEN MOD PER AMK71-9			
		G 070 & ON EXCEPT A/C WITH TIP TANK EJECTOR FUEL PUMPS INSTLD OR MOD PER AMK71-9			
		H 070 & ON WHEN MOD PER AMK71-9 EXCEPT A/C WITH TIP TANK EJECTOR FUEL PUMPS INSTLD			
		J 003 & ON WHEN TIP TANK EJECTOR FUEL PUMPS ARE INSTLD			
		A---ATTACHING PARTS			

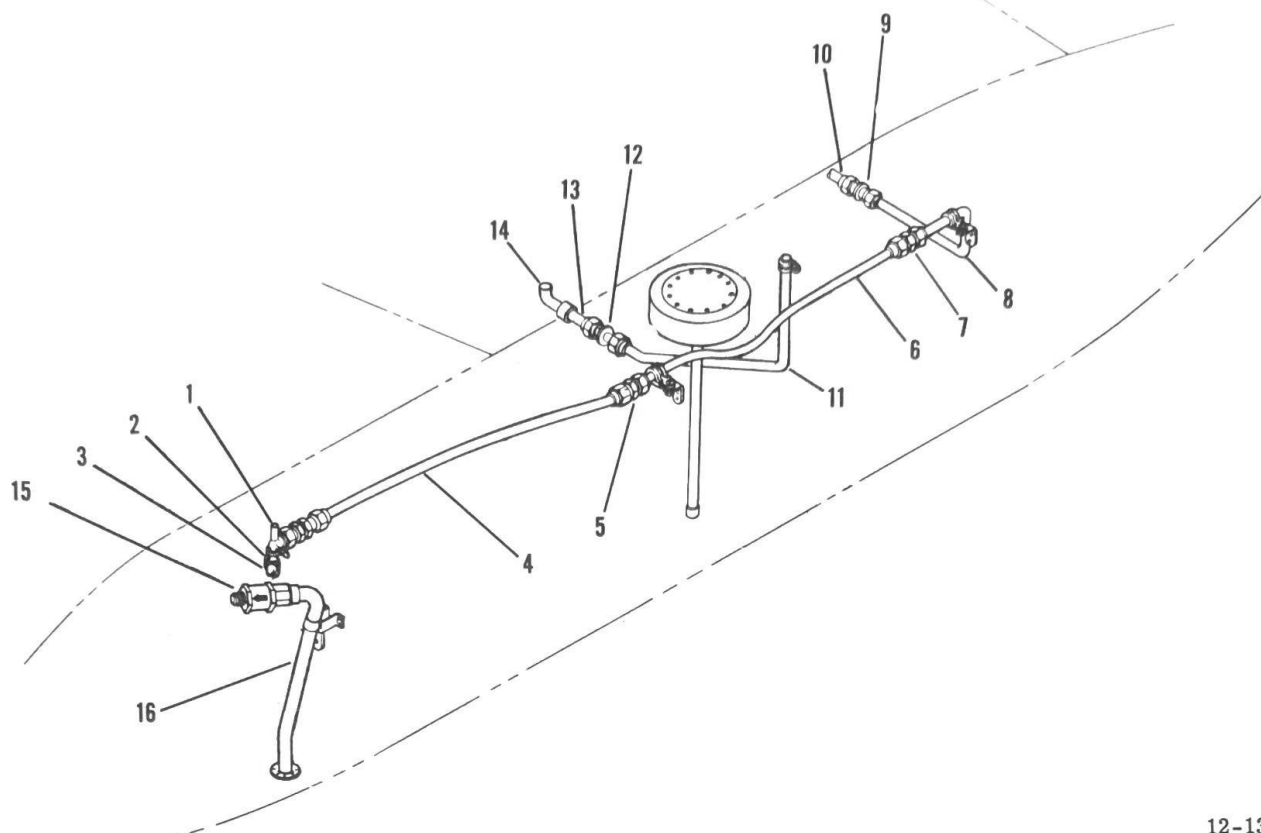


Figure 67. Tip Tank Vent Lines Installation

12-13D

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
67 -		TIP TANK VENT LINES INSTALLATION			
-1	2323042-009	• VALVE ASSEMBLY-VENT -----	1	A	
	AN832-12D	A • UNION -----	1	A	
	AN960D1816	A • WASHER -----	1	A	
	AN924-12D	A • NUT -----	1	A	
-2	2323042-004	• • CAGE ASSY-VENT -----	1	A	
	AN737TW30	A • • CLAMP -----	1	A	
-3	2323042-007	• • FLOAT-VENT -----	1	A	
-4	2323046-077	• TUBE ASSY-VENT -----	1	A	
-5	AN815-8D	• UNION -----	1	A	
-6	2323046-071	• TUBE ASSY-VENT -----	1	A	
-7	AN815-8D	• UNION -----	1	A	
-8	2323046-073	• TUBE ASSY-VENT LH -----	1	A	
	2323046-074	• TUBE ASSY-VENT RH -----	1	A	
-9	AN832-12D	• UNION -----	1	B	
	AN924-12D	• NUT -----	1	B	
	2323046-017	• WASHER -----	1	B	
	MS29512-12	• GASKET-O RING -----	1	B	
-10	SEE FIGURE 64				
	SEE FIGURE 65				
-11	2323046-025	• TUBE ASSY-WING VENT PLBG -----	REF	E	
	2323046-123	• TUBE ASSY-WING TO TIP TANK VENT LH -----	1	C	
	2323046-027	• TUBE ASSY-WING TO TIP TANK VENT LH -----	1	D	
	2323046-124	• TUBE ASSY-WING TO TIP TANK VENT RH -----	1	C	
-12	AN832-12D	• UNION -----	1	D	
	AN960D1716	• WASHER -----	1	B	
	MS29512-12	• GASKET-O RING -----	2	B	
	AN924-12D	• NUT -----	2	B	
-13	2323046-030	• TUBE ASSY-WING TO TIP TANK VENT -----	1	B	
	2323046-069	• NUT-COUPLING -----	1	A	
	MS20819-12D	• SLEEVE-COUPLING NUT -----	1	A	
-14	2323046-068	• TUBE-ELBOW -----	1	A	
	2323046-067	• HOSE -----	1	A	
	WWD34	• CLAMP -----	1	A	
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
67 -15	1111-517705	. VALVE-TIP TANK VACUUM RELIEF -----	1	A	
	2480016-001	. VALVE-TIP TANK VACUUM RELIEF ALT FOR 1111-517705 -----	1	A	
	-16	. TUBE ASSY-TIP TANK VACUUM RELIEF -----	1	A	
		A 003 & ON			
		B 003 THRU 009 EXCEPT A/C MOD PER AMK71-9 OR EQUIPPED WITH EJECTOR FUEL PUMPS			
		C 003 THRU 069 EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS			
		D 070 & ON & PREVIOUS A/C WHEN EQUIPPED WITH EJECTOR FUEL PUMPS			
		E SEE REF FIGURE FOR USAGE			
		A---ATTACHING PARTS			

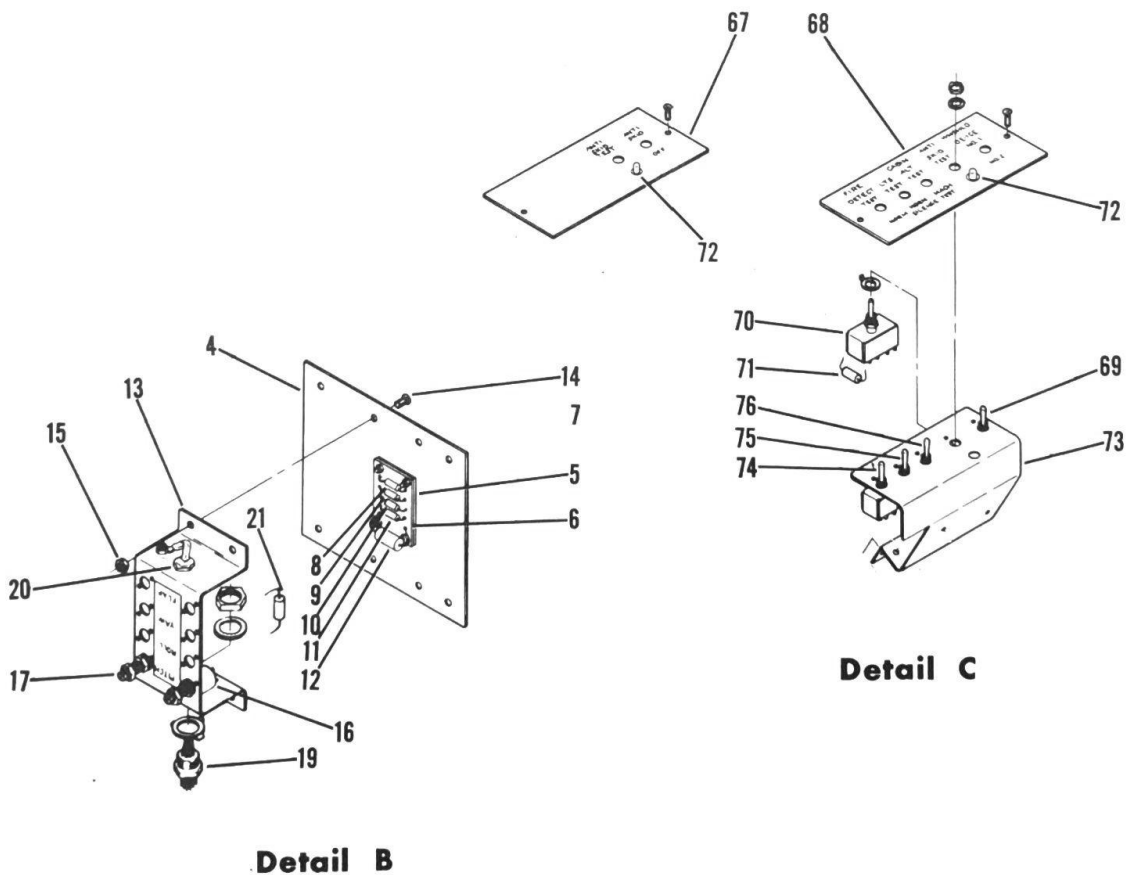
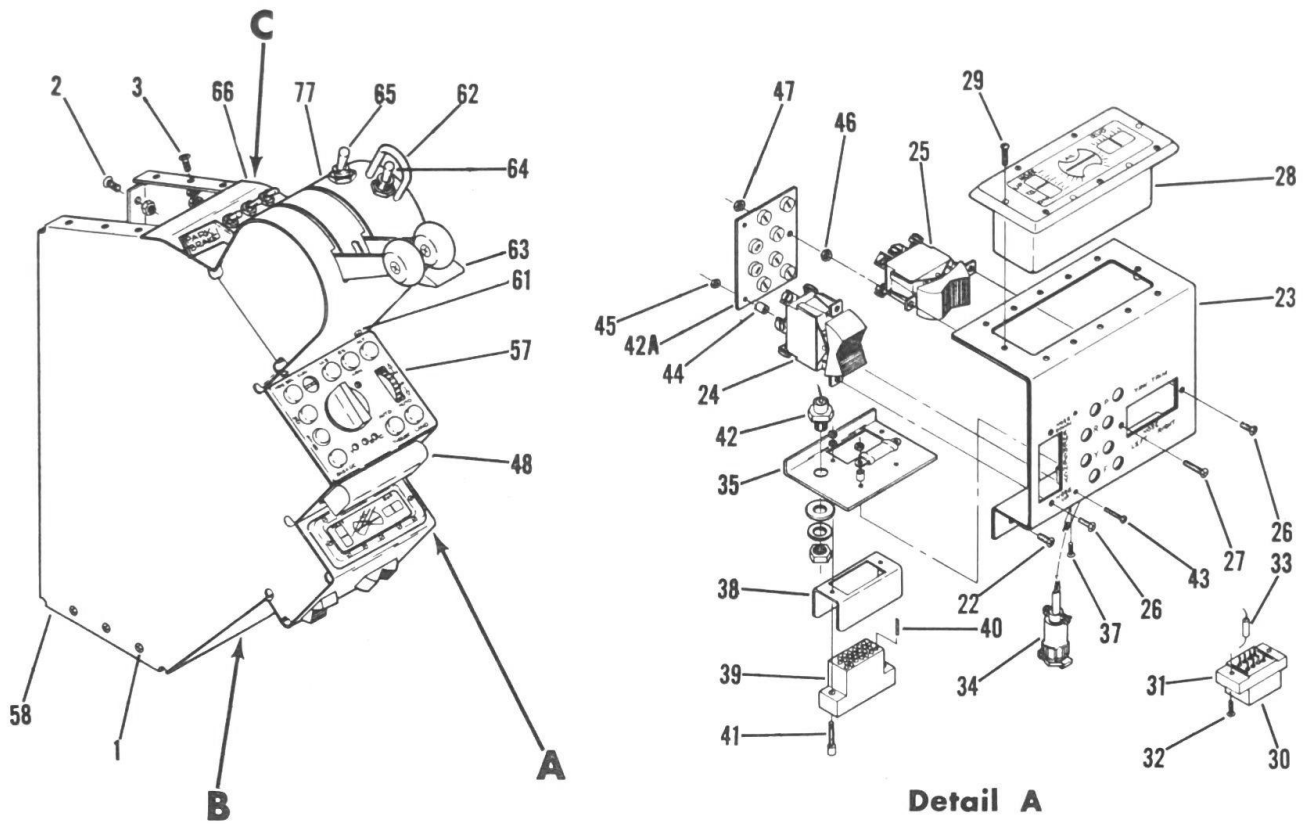


Figure 68. Control Pedestal Installation

2-11B-1  
A9-12D  
B9-12D  
C9-12D

LIMITED EFFECTIVITY Serial Code A

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
68 -	SEE FIGURE 70 AN507-632R4 MS20364-632	CONTROL PEDESTAL INSTALLATION • QUADRANT ASSEMBLY-CONTROL -----	1	A	A
		A • SCREW -----	4	A	A
		A • NUT -----	4	A	A
		• PEDESTAL ASSEMBLY-CONTROL -----	1	A	A
-1	AN520-10R5	A • SCREW -----	6	A	A
-2	AN515-8R5	A • SCREW -----	2	A	A
	MS20364-832	A • NUT -----	2	A	A
-3	AN515-8R4	A • SCREW -----	6	A	A
	AN960D8L	A • WASHER -----	6	A	A
	MS20364-832	A • NUT -----	6	A	A
	2308102-001	• CALIBRATION ASSEMBLY-POS IND E27 -----	1	B	B
-4	2315130-034	• • COVER -----	1	B	B
	AN530-8R10	A • • SCREW -----	4	B	B
-5	2308102-003	• • INSULATOR -----	1	B	B
-6	2200C	• • TERMINAL BOARD -----	1	B	B
-7	AN515-4R5	A • • SCREW -----	4	B	B
	MS21042L04	A • • NUT -----	4	B	B
-8	6800 OHM 1/2 WTT	• • RESISTOR -----	1	B	B
-9	2700 OHM 1/2 WTT	• • RESISTOR -----	1	B	B
-10	2200 OHM 1/2 WTT	• • RESISTOR -----	1	B	B
-11	2700 OHM 1/2 WTT	• • RESISTOR -----	1	B	B
-12	X60-100	• • RESISTOR -----	1	B	B
-13	2308102-002	• • BRACKET -----	1	B	B
-14	AN515-4R5	A • • SCREW -----	4	3	3
-15	MS21042-04	A • • NUT -----	4	3	3
-16	AS3604	• • POTENTIOMETER R34 -----	7	B	B
-17	AS3606	• • POTENTIOMETER R38 -----	1	B	B
-19	M10P-LRN	• • RECEPTACLE -----	1	B	B
-20	Z1310	• • DIODE-ZENER -----	1	B	B
-21	680 OHM 1/2 WATT	• • RESISTOR -----	1	B	B
	2308105-005	• INDICATOR ASSY & POSITION CONTROL -----	1	B	B
	2308109-001	• INDICATOR ASSEMBLY-TRIM POSITION -----	1	C	C
	2308109-007	• INDICATOR ASSEMBLY-TRIM POSITION -----	1	D	D
-22	AN530-8R10	A • SCREW -----	4	A	A
-23	2308105-003	• • COVER ASSEMBLY -----	1	B	B
	2308109-003	• • COVER ASSEMBLY -----	1	C	C
	2308109-011	• • COVER ASSEMBLY -----	1	D	D
-24	8911K192	• • SWITCH-PITCH SW12 -----	1	E	E
	8812K13	• • SWITCH-PITCH SW12 -----	1	D	D
	AN515-6R3	A • • SCREW -----	2	E	E
-25	8911K192	• • SWITCH-YAW SW47 -----	1	E	E
	8812K13	• • SWITCH-YAW SW47 -----	1	D	D
	AN515-6R3	A • • SCREW -----	2	B	B
-26	AN515-6R3	A • • SCREW -----	1	C	C
-27	AN515-6R10	A • • SCREW -----	1	C	C
	S-219-2	• • INDICATOR-POSITION PITCH M25 -----	1	B	B
	S-221-2	• • INDICATOR-POSITION ROLL M27 -----	1	B	B
	S-220-2	• • INDICATOR-POSITION YAW M26 -----	1	B	B
-28	S-228-2	• • INDICATOR-PITCH ROLL & YAW M25 -----	1	F	F
-29	AN515-3R8	A • • SCREW -----	4	F	F
	A-8970-C-1-327	• • FIXTURE-LIGHT DS6 -----	3	B	B
	327	• • LAMP -----	1	B	B
-30	67-07-G	• • RELAY-POSITION IND CALIB ASSY K30 -----	1	G	G
-31	V88-1DA2	• • SOCKET-POSIT IND CALIB ASSY -----	1	G	G
-32	AN515-4R10	A • • SCREW -----	2	G	G
-33	33K OHM 1/2 WAT	• • RESISTOR -----	1	G	G
-34	M10S-LSH19C	• • PLUG -----	1	B	B
-35	2315130-048	• • BRACKET -----	1	B	B
	2308109-006	• • BRACKET -----	1	F	F
-36	MOR10-100	• • RESISTOR -----	1	F	F
-37	AN515-4R10	A • • SCREW -----	2	F	F
	MS21042L04	A • • NUT -----	2	F	F
-38	201785-4	• • GUARD -----	1	A	A
-39	200512-2	• • HOUSING -----	1	A	A
-40	42980-1	• • PIN -----	26	A	A
-41	200875-2	• • JACKSCREW-FEMALE -----	2	A	A
-42	Z1310	• • DIODE-ZENER -----	1	F	F
-42A	2308111-001	• • CIRCUIT BOARD ASSY-TRIM POSITION E27 SEE NOTE 1 -----	1	F	F
-43	AN515-4R10	A • • SCREW -----	2	F	F
-44	NAS43000-20	A • • SPACER -----	2	F	F
-45	MS21042L04	A • • NUT -----	2	F	F
-46	MS20341-6	A • • NUT -----	1	F	F
-47	MS21042L06	A • • NUT -----	1	F	F
-48		• LIGHT ASSEMBLY-TRIM POSITION IND -----	1	F	F
	2315130-072	• • COVER ASSEMBLY-LIGHT -----	1	F	F
	2315130-070	• • BRACKET ASSEMBLY-LIGHT -----	1	F	F
	MS90283-1	• • HOLDER-LAMP -----	1	F	F
	313	• • BULB -----	1	F	F

CONTINUED

A---ATTACHING PARTS



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
68 -57	4-5020	. . FLIGHT CONTROLLER-AUTOPILOT SEE LEAR JET AVIONICS DIV MAN FC-110 -----	1	A	
-58	2315130-003	. . PANEL-PEDESTAL SIDE LH -----	1	B	
	2315130-073	. . PANEL-PEDESTAL SIDE LH -----	1	H	
	2315130-077	. . PANEL-PEDESTAL SIDE LH -----	1	J	
	2315130-028	. . PANEL-PEDESTAL SIDE RH -----	1	B	
	2315130-074	. . PANEL-PEDESTAL SIDE RH -----	1	F	
-59	2315130-005	. . SUPPORT ASSEMBLY-QUADRANT LH -----	1	A	
	2315130-011	. . SUPPORT ASSEMBLY-QUADRANT RH -----	1	B	
	2315130-079	. . SUPPORT ASSEMBLY-QUADRANT RH -----	1	K	
	2315130-081	. . SUPPORT ASSEMBLY-QUADRANT RH -----	1	L	
-60	2315130-050	. . COVER ASSEMBLY-QUADRANT -----	1	B	
	2315130-062	. . COVER ASSEMBLY-QUADRANT -----	1	K	
	2315130-091	. . COVER ASSEMBLY-QUADRANT -----	1	L	
-61	AN507-632R4	A . . SCREW -----	12	A	
-62	2315130-115	. . GUARD-SWITCH -----	1	A	
	SK4248S	A . . RIVET-POP -----	2	A	
-63	2314120-001	. . KNOB-SWITCH FLAP CONTROL -----	1	L	
	MS18063-23	A . . SCREW-SET -----	2	L	
	8857K40	. . SWITCH-FLAP CONTROL SW97 -----	1	L	
-64	8868K4	. . SWITCH-SPOILERS SW13 -----	1	A	
-65	8868K4	. . SWITCH-LANDING LIGHTS SW17 -----	1	M	
	8869K1	. . SWITCH-LANDING LIGHTS SW17 -----	1	N	
-66	2315130-068	. . COVER -----	1	F	
		. . PANEL ASSEMBLY-PEDESTAL TEST SWITCH -----	1	A	
-67	2388060-003	. . . PANEL-ANTI SKID SWITCH -----	1	B	
	AN507-632R6	A . . . SCREW -----	2	B	
-68	6608023-001	. . . PANEL-TEST SWITCH PEDESTAL -----	1	F	
	AN507-632R4	A . . . SCREW -----	2	F	
-69	MST-105D	. . . SWITCH-ANTI SKID SW88 -----	1	B	
-70	MST-405N	. . . SWITCH-ANTI SKID TEST SW88 -----	1	C	
	8869K8	. . . SWITCH-ANTI SKID TEST SW88 -----	1	D	
-71	1000 OHM 2 WATT	. . . RESISTOR-ANTI SKID TEST -----	1	E	
-72	MS25446-5	. . . LAMP-ANTI SKID TEST DS46 -----	1	A	
-73	2318362-002	. . . BRACKET-SWITCH PANEL -----	1	A	
-74	MST-205R	. . . SWITCH-FIRE DETECT TEST SW65 -----	1	F	
-75	MST-205S	. . . SWITCH-WARNING LIGHTS TEST SW83 -----	1	F	
-76	MST-105G	. . . SWITCH-CABIN ALTITUDE TEST SW86 -----	1	F	
-77	2313212-002	. . COVER-QUADRANT POSITION MARKINGS -----	1	B	
	2313212-006	. . COVER-QUADRANT POSITION MARKINGS -----	1	M	
	2313212-010	. . COVER-QUADRANT POSITION MARKINGS -----	1	P	
	2313212-012	. . COVER-QUADRANT POSITION MARKINGS -----	1	L	
	NOTE 1	SEE WIRING DIAGRAM 2308000 SHT 21 IN SERVICE MANUAL FOR RESISTOR CONFIGURATION OF APPLICABLE AIRCRAFT			
	A	003 THRU 069 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 277, ECR 381, ECR 392 OR ECR 401			
	B	003 THRU 014 EXCEPT A/C MOD PER ECR 233 ECR 392 OR ECR 401			
	C	015 THRU 039 EXCEPT A/C MOD PER ECR 233, ECR 277, ECR 381, ECR 392 OR ECR 401			
	D	040 THRU 069 EXCEPT A/C MOD PER ECR 230			
	E	003 THRU 039 EXCEPT A/C MOD PER ECR 233, ECR 277, ECR 381, ECR 392 OR ECR 401			
	F	015 THRU 069 EXCEPT A/C MOD PER ECR 233, ECR 277, ECR 381, ECR 392 OR ECR 401			
	G	003 THRU 006 EXCEPT A/C MOD PER ECR 233 OR ECR 392			
	H	015 THRU 024 EXCEPT A/C MOD PER ECR 233, ECR 277, ECR 381, ECR 392 OR ECR 401			
	J	025 THRU 069 EXCEPT A/C MOD PER ECR 233 ECR 230, ECR 392 OR ECR 401			
	K	015 THRU 029 EXCEPT A/C MOD PER ECR 233, ECR 277, ECR 381, ECR 392 OR ECR 401			
	L	030 THRU 069 EXCEPT A/C MOD PER ECR 233 ECR 230, ECR 392 OR ECR 401			
	M	015 THRU 027 EXCEPT A/C MOD PER ECR 233, ECR 277, ECR 381, ECR 392 OR ECR 401			
	N	028 THRU 069 EXCEPT A/C MOD PER ECR 233 ECR 230, ECR 392 OR ECR 401			
	P	028 THRU 029 EXCEPT A/C MOD PER ECR 233 ECR 392 OR ECR 401			
	A----	ATTACHING PARTS			

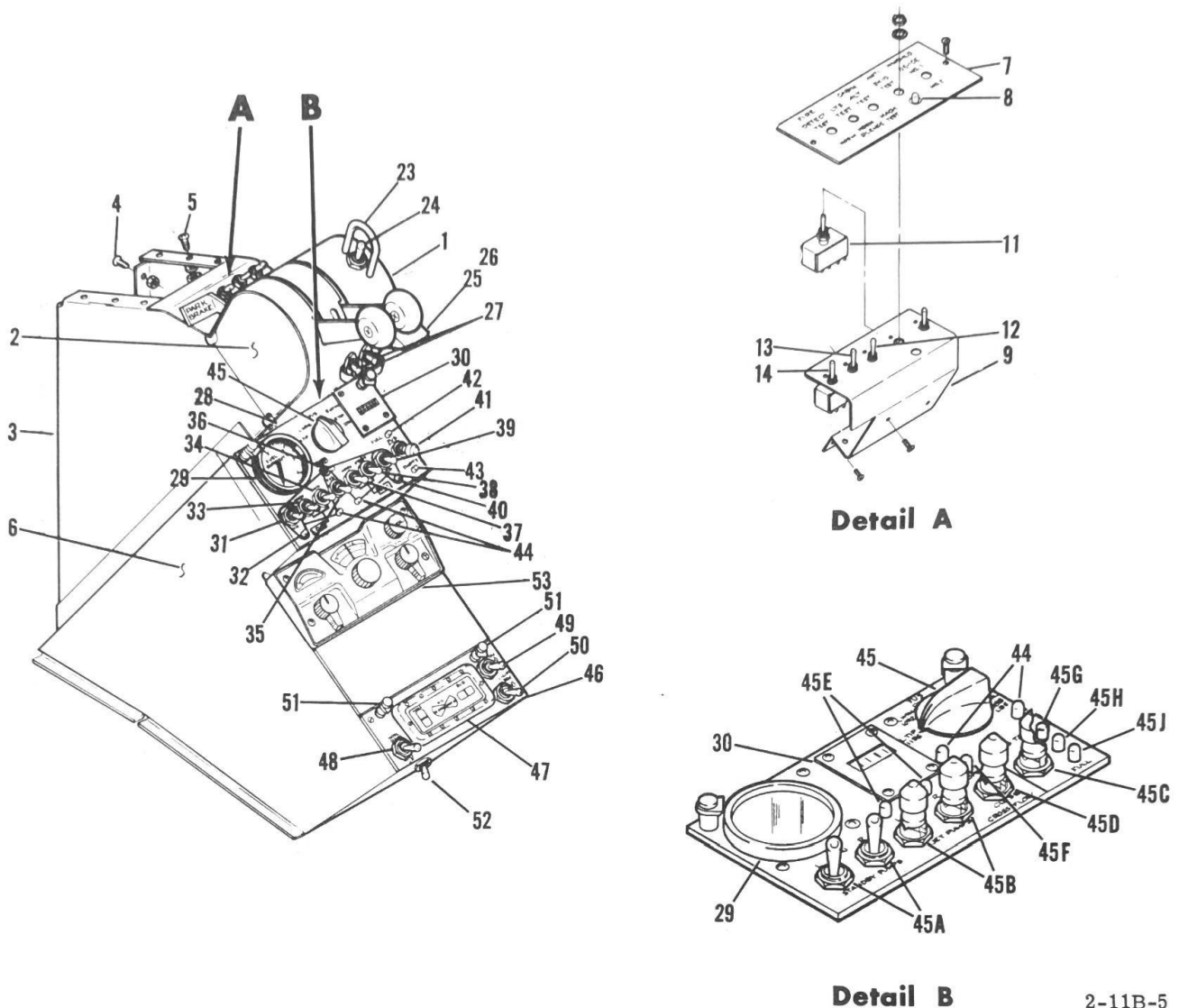


Figure 69. Control Pedestal Installation

2-11B-5  
A9-12D  
B9-36A

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				1 2 3 4 5 6 7	THRU
69 -	SEE FIGURE 70	CONTROL PEDESTAL INSTALLATION			
	AN507-632R4	• QUADRANT ASSEMBLY-CONTROL	REF		B
	MS20364-632	A • SCREW	4		B
	2313212-014	A • NUT	4		B
-1	2315130-097	• COVER-QUADRANT POSITION MARKINGS	1		B
	AN507-632R4	• SUPPORT-COVER QUADRANT	1		B
-2	2315130-005	A • SCREW	10		B
	2315130-095	• SUPPORT ASSEMBLY-QUADRANT LH	1		B
	AN515-6R7	• SUPPORT-QUADRANT RH	1		B
-3	2315130-101	A • SCREW	2		B
	2315130-102	• PANEL-PEDESTAL SIDE LH FWD	1		B
	AN520-10R5	• PANEL-PEDESTAL SIDE RH FWD	1		B
-4	AN515-8R5	A • SCREW	3		B
	MS20364-832	A • SCREW	1		B
-5	AN515-8R4	A • NUT	1		B
	AN960D8L	A • SCREW	3		B
	MS20364-832	A • WASHER	3		B
		A • NUT	3		B
		CONTINUED			
		A--ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
69 -6	2315139-017 2315139-018 AN515-8R6	• SIDE PANEL ASSY-PEDESTAL EXTENSION LH ----- • SIDE PANEL ASSY-PEDESTAL EXTENSION RH ----- A • SCREW -----	1 1 12	B B B	
	AN507-632R4	• PANEL ASSEMBLY-SWITCH ----- A • SCREW -----	1 2	B B	
-7	6608023-001	• PANEL-SWITCH -----	1	B	
-8	MS25446-5	• LAMP-ANTI SKID TEST -----	1	B	
-9	2318362-002	• BRACKET-SWITCH -----	1	B	
-11	8869K8	• SWITCH-ANTI SKID TEST SW88 -----	1	B	
-12	MST-105G	• SWITCH-CABIN ALT & MACH TEST SW86 -----	1	B	
-13	MST-205S	• SWITCH-WARN LTS & HORN SILENCE SW83 -----	1	B	
-14	MST-205R	• SWITCH-FIRE DETECT TEST -----	1	B	
-23	2315130-115	• GUARD-SPOILER SWITCH -----	1	B	
-24	8868K4	• SWITCH-SPOILER SW13 -----	1	B	
-25	8857K40	• SWITCH-FLAP CONTROL SW97 -----	1	B	
-26	2314120-002	• KNOB-FLAP CONTROL -----	1	B	
-27	MST-105E	• SWITCH-LANDING & TAXI LIGHTS SW17,SW18 -----	2	B	
	2315130-108	• GUARD-SWITCH LDG & TAXI LGTS -----	1	B	
	2318375-001	• PANEL ASSEMBLY-FUEL CONTROL -----	1	E	
	2388211-003	• PANEL ASSEMBLY-FUEL CONTROL WITH COUNTER INSTALLED -----	1	E	
	2381381-004	• PANEL ASSEMBLY-FUEL CONTROL -----	1	F	
-28	AN515-6R8	A • SCREW -----	4	B	
	2318375-002	• PANEL-FUEL CONTROL -----	1	E	
	2381381-005	• PANEL-FUEL CONTROL -----	1	F	
-29	JG402A42	• INDICATOR-FUEL QUANTITY M214 -----	1	C	
	JG911A1	• INDICATOR-FUEL QUANTITY M214 -----	1	D	
	A-8970-C-1-327	A • FIXTURE-LIGHT -----	1	B	
	MS28042-1A	A • CLAMP ASSEMBLY -----	1	B	
-30	BD177004	• COUNTER-FUEL CONSUMPTION USED ON 2388211-003 OR 2381381-004 -----	1	B	
	2318375-003	• PLATE -----	1	A	
	AN507-4R6	A • SCREW -----	3	B	
	MS20365-440	A • NUT -----	3	B	
	A-8970-C-1-327	A • FIXTURE-LIGHT -----	1	B	
-31	8810K12	• SWITCH-TIP TANK FUEL PUMP LH SW21 -----	1	E	
-32	BEP62ABL	• LIGHT-TIP TANK FUEL IND LH DS51 -----	1	E	
-33	8824K8	• SWITCH-STANDBY FUEL PUMP LH SW61 -----	1	E	
-34	8810K12	• SWITCH-MAIN FUEL PUMP LH SW22 -----	1	E	
-35	8810K12	• SWITCH-FUSE TANK FUEL PUMP SW26 -----	1	E	
-36	MST-105D	• SWITCH-FUEL CROSS FLOW VALVE SW68 -----	1	E	
-37	8810K12	• SWITCH-MAIN FUEL PUMP RH SW23 -----	1	E	
-38	8824K8	• SWITCH-STANDBY FUEL PUMP RH SW25 -----	1	E	
-39	8810K12	• SWITCH-TIP TANK FUEL PUMP RH SW24 -----	1	E	
-40	BEP62ABL	• LIGHT-TIP TANK FUEL IND RH DS52 -----	1	E	
-41	8857K45	• SWITCH-FUSELAGE FILL SW51 -----	1	E	
-42	BEP62CBL	• LIGHT-FUSE TANK FULL IND DS54 -----	1	E	
-43	BEP62ABL	• LIGHT-FUSE TANK EMPTY IND DS53 -----	1	E	
-44	BEP62RBL	• LIGHT-LOW FUEL IND DS55,DS56 -----	2	B	
	RG55812	• SWITCH-FUEL SELECTOR SW272 -----	1	B	
	MS21919WDG28	A • CLAMP -----	1	B	
	AN515-8R6	A • SCREW -----	1	B	
	MS20364-832	A • NUT -----	1	B	
-45	1550C	• KNOB-FUEL SELECTOR SWITCH -----	1	B	
	2308112-001	• PANEL ASSEMBLY-TRIM POSITION IND -----	1	B	
	AN515-6-4	A • SCREW -----	6	B	
-45A	T1003	• SWITCH-STANDBY FUEL PUMP -----	2	F	
-45B	8857K45	• SWITCH-JET PUMP -----	2	F	
-45C	8858K40	• SWITCH-FUSE TANK FUEL PUMP -----	1	F	
-45D	8858K44	• SWITCH-FUEL CROSS FLOW VALVE -----	1	F	
-45E	BEP62ABL	• LIGHT-JET FUEL PUMP IND L & R -----	2	F	
-45F	BEP62ABL	• LIGHT-CROSS FLOW VALVE IND -----	1	F	
-45G	BEP62CBL	• LIGHT-FUSE TANK EMPTY IND -----	1	F	
-45H	BEP62ABL	• LIGHT-TRANSFER VALVE IND -----	1	F	
-45J	BEP62G9L	• LIGHT-FUSE TANK FULL IND -----	1	F	
	2308112-001	• PANEL ASSEMBLY-TRIM POSITION IND -----	1	B	
	AN515-6-4	A • SCREW -----	6	B	
-46	2308112-005	• PANEL ASSEMBLY -----	1	B	

CONTINUED

A---ATTACHING PARTS

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
69 -47	S-228-2	. . INDICATOR-TRIM POSITION M25 -----	1	8	
	AN515-3R8	A . . SCREW -----	6	8	
-48	8812K13	. . SWITCH-PITCH TRIM SW12 -----	1	8	
-49	T1003	. . SWITCH-NAVIGATION LIGHT SW14 -----	1	8	
-50	T1003	. . SWITCH-NAV BEACON LIGHT SW15 -----	1	8	
-51	2380037-003	. . FIXTURE-LIGHT -----	2	8	
-52	8812K13	. . SWITCH-YAW TRIM SW47 -----	1	8	
	2308111-001	. . CIRCUIT BOARD ASSY-TRIM POSITION E27 SEE NOTE 1 -----	1	8	
	AN515-4R10	A . . SCREW -----	3	8	
	NAS43000-20	A . . SPACER -----	3	8	
	MS21042L04	A . . NUT -----	3	8	
	Z1310	. . DIODE-ZENER -----	1	8	
	2308112-004	. . CLIP -----	1	8	
	MO10-100	. . RESISTOR -----	1	8	
	AN515-4R10	A . . SCREW -----	2	8	
	MS21042L04	A . . NUT -----	2	8	
	S-801-2PRM	. . CONNECTOR -----	1	8	
-53	AN505-6R5	. TUNER ADF T-12C MOD 201C -----	1	8	
	AN960-6	A . SCREW -----	8	8	
	MS20364-632	A . WASHER -----	8	8	
		A . NUT -----	8	8	
	NOTE 1	SEE WIRING DIAGRAM 2308000 SHT21 IN SERVICE MANUAL FOR RESISTOR CONFIGURATION OF APPLICABLE AIRCRAFT			
	A	A/C NOT EQUIPPED WITH COUNTER			
	B	070 & ON EXCEPT A/C MOD PER ECR 227			
	C	070 THRU 089 EXCEPT A/C MOD PER ECR 227			
	D	090 & ON EXCEPT A/C MOD PER ECR 227			
	E	070 & ON EXCEPT A/C MOD PER ECR 227 & ECR 354			
	F	070 & ON WHEN MOD PER ECR 354 EXCEPT A/C MOD PER ECR 227			
	A---	ATTACHING PARTS			

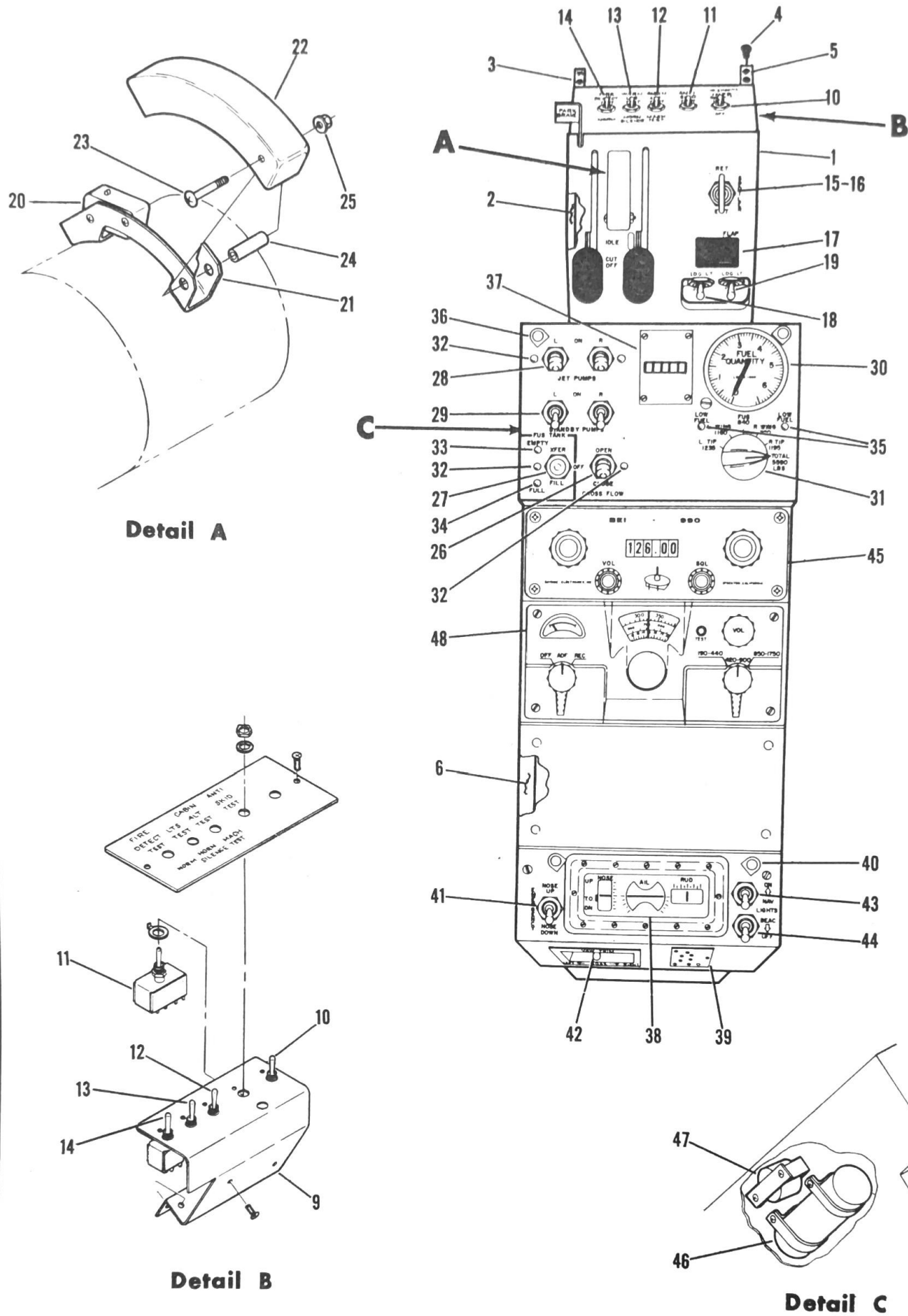


Figure 69A. Control Pedestal Installation

A2-11B-6  
B9-12D  
C2-11B-6

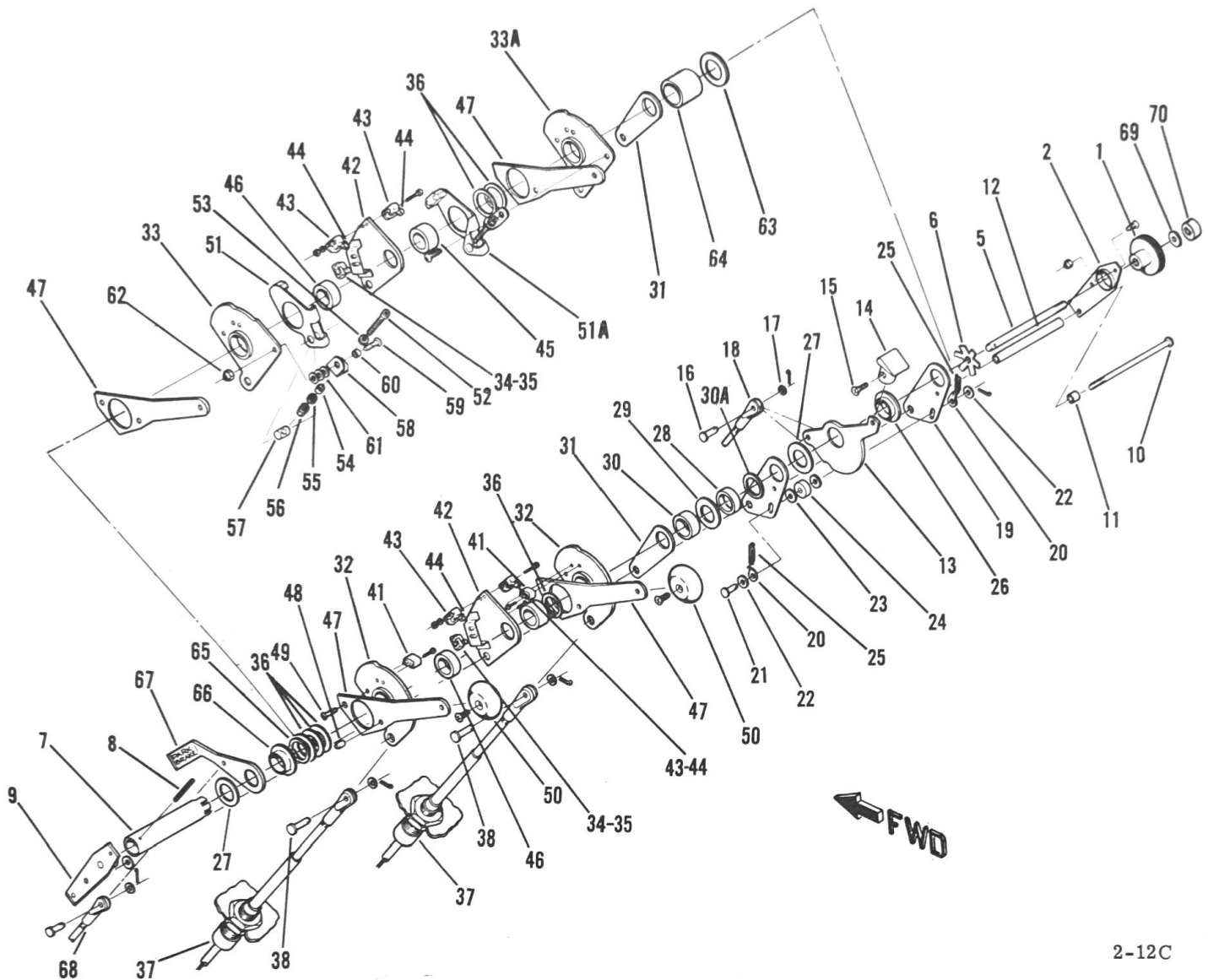
LIMITED EFFECTIVITY Serial Code A

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
69A-	SEE FIGURE 70	CONTROL PEDESTAL INSTALLATION		A	
	AN507-632R4	• QUADRANT ASSEMBLY-CONTROL	1	A	
	MS20364-632	A • SCREW	4	A	
-1	2313212-016	A • NUT	4	A	
	2315130-109	• COVER-QUADRANT POSITION MARKINGS	1	A	
	AN507-632R4	• SUPPORT-COVER QUADRANT	1	A	
-2	2315130-005	A • SCREW	10	A	
	2315130-095	• SUPPORT ASSEMBLY-QUADRANT LH	1	A	
	AN515-6R7	• SUPPORT-QUADRANT RH	1	A	
-3	2315130-101	A • SCREW	2	A	
	2315130-102	• PANEL-PEDESTAL SIDE LH FWD	1	A	
	AN520-10R5	• PANEL-PEDESTAL SIDE RH FWD	1	A	
-4	AN515-8R5	A • SCREW	3	A	
	MS20364-832	A • SCREW	1	A	
-5	AN515-8R4	A • NUT	1	A	
	AN960D8L	A • SCREW	3	A	
	MS20364-832	A • WASHER	3	A	
-6	2315203-005	A • NUT	3	A	
	2315203-017	• SIDE ASSEMBLY-PEDESTAL EXTENSION LH	1	A	
	2315203-006	FOR SPARES ORDER 2315203-017	1	B	
	2315203-016	• SIDE ASSEMBLY-PEDESTAL EXTENSION LH	1	A	
	AN515-8R6	• SIDE ASSEMBLY-PEDESTAL EXTENSION RH	1	C	
	AN507-632R4	FOR SPARES ORDER 2315203-016	12	A	
-9	2318362-002	A • SCREW	1	A	
-10	7055	• PANEL ASSEMBLY-SWITCH	2	A	
	8868K4	A • SCREW	1	A	
-11	MST-105G	• BRACKET-SWITCH	1	A	
-12	MST-205S	• SWITCH-NO SMOKING & SEAT BELT	1	A	
	MST-205R	LIGHT SW119	1	A	
-13	2315130-058	• SWITCH-HYD PUMP SW4	1	A	
-14	8868K4	• SWITCH-CABIN ALT & MACH TEST	1	A	
	2314120-002	SW86	1	A	
-15	8857K40	• SWITCH-WARN LTS & HORN SILENCE	1	A	
-16	MST-105E	SW83	1	A	
	2318376-001	• SWITCH-FIRE DETECT TEST	1	A	
-17	8857K40	• GUARD-SPOILER SWITCH	1	A	
-18	MST-105D	• SWITCH-SPOILER RETRACT & EXTEND	1	A	
-19	MST-105E	SW13	1	A	
	2318376-014	• KNOB-FLAP CONTROL SWITCH	1	A	
	2318376-017	• SWITCH-FLAP CONTROL SW97	1	A	
	AN515-6R8	• SWITCH-LH LANDING LIGHT SW17	1	A	
-20	MS25253-4	• SWITCH-RH LDG LIGHT & TAXI LIGHT	1	A	
	AN507-440-10	SW18	1	A	
	AN960-4	• AUTOPILOT RELEASE INSTALLATION	1	A	
	MS21042-04	• SWITCH	1	A	
-21	2315204-009	A • SCREW	2	A	
-22	2315204-003	A • WASHER	2	A	
-23	AN515-6-16	A • NUT	2	A	
-24	NAS43DD1-45	• BRACKET-SWITCH	1	A	
-25	MS21042-06	• COVER	1	A	
	2318376-001	A • SCREW	1	A	
	2318376-014	A • SPACER	1	A	
	2318376-017	A • NUT	1	A	
	AN515-6R8	• PANEL ASSEMBLY-FUEL CONTROL	1	F	
-26	8858K44	• PANEL ASSEMBLY-FUEL CONTROL	1	G	
-27	8858K40	• PANEL ASSEMBLY-FUEL CONTROL	1	H	
	8857K45	A • SCREW	2	A	
-28	T1003	• SWITCH-CROSSFLOW SW25	1	A	
-29	JG911A1	• SWITCH-FUSELAGE TANK TRANSFER	1	A	
	AN515-6R8	& FILL SW51	1	A	
-30	RG55B12	• SWITCH-JET PUMPS SW21,SW22	2	A	
	MS28042-1A	• SWITCH-STANDBY PUMPS	2	A	
-31	1550C	SW67,SW68	2	A	
-32	BEP62ABL	• INDICATOR-FUEL QUANTITY M214	1	A	
	BEP62CBL	A • SCREW	2	A	
-33	BEP62GBL	• SWITCH-FUEL SELECTOR	1	A	
-34	BEP62RBL	A • CLAMP ASSEMBLY	1	A	
-35	2380037-003	• KNOB-FUEL SELECTOR SWITCH	1	A	
-36	2308124-001	• LIGHT-INDICATOR DS33,DS34,	4	A	
	AN515-4R6	DS51,DS52	1	A	
	MS20365-440	• LIGHT-INDICATOR DS53	1	A	
	BD177004	• LIGHT-INDICATOR DS54	1	A	
	AN507-4R6	• LIGHT-INDICATOR DS55,DS56	2	A	
	MS20365-440	• LIGHTING FIXTURE-INSTRUMENT	2	A	
		• CIRCUIT BOARD ASSY-FUEL CONT E53	1	A	
		A • SCREW	2	A	
		A • NUT	2	A	
		• COUNTER-FUEL CONSUMPTION M7	1	A	
		A • SCREW	3	A	
		A • NUT	3	A	
		CONTINUED			
		A---ATTACHING PARTS			



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
69A-	A-8970-C-1-327	A . FIXTURE-LIGHT -----	1	A	
	2308123-010	. . PANEL ASSY-TRIM POSITION INDICATOR -----	1	A	
	AN515-6R4	A . SCREW -----	6	A	
-38	S-228-2	. . INDICATOR-TRIM M25 -----	1	A	
	AN515-3R8	A . . SCREW -----	6	A	
-39	2308111-001	. . CIRCUIT BOARD ASSEMBLY-TRIM POSITION E27 SEE NOTE 1 -----	1	A	
	AN515-4R8	A . . SCREW -----	3	A	
	NAS43DD0-20	A . . SPACER -----	3	A	
	MS21042L04	A . . NUT -----	3	A	
-40	A-8970-C-1-327	. . FIXTURE-LIGHT -----	2	A	
-41	8812K13	. . SWITCH-EMERG PITCH TRIM SW12 -----	1	A	
-42	8812K13	. . SWITCH-YAW TRIM SW47 -----	1	A	
-43	T1003	. . SWITCH-NAV LIGHTS SW14 -----	1	A	
-44	T1003	. . SWITCH-STROBE LIGHTS AND/OR BEACON LIGHTS -----	1	A	
-45	BEI-990	. . TRANSCEIVER -----	1	D	
	2315203-015	. . COVER -----	1	E	
	AN505-6R5	A . SCREW -----	AR	A	
	AN960-6	A . WASHER -----	8	D	
	MS20364-632	A . NUT -----	8	D	
-46	BEI-990A	. . REGULATOR-VOLTAGE -----	1	D	
	AN742D20	A . CLAMP -----	2	D	
	AN515-6R7	A . SCREW -----	2	D	
	MS20365-632	A . NUT -----	2	D	
-47	A-3005	. . TRANSFORMER-AUDIO -----	1	D	
	AN515-6R5	A . SCREW -----	2	D	
	MS20365-632	A . NUT -----	2	D	
-48		. . TUNER ADF T12C MOD 201C -----	1	A	
	AN505-6R5	A . SCREW -----	8	A	
	AN960-6	A . WASHER -----	8	A	
	MS20364-632	A . NUT -----	8	A	
	NOTE 1	SEE WIRING DIAGRAM 2308000 SHT 21 IN SERVICE MANUAL FOR RESISTOR CONFIGURATION OF APPLICABLE AIRCRAFT			
	A	003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, ECR 392 OR ECR 401			
	B	SPARE FOR 2315203-005			
	C	SPARE FOR 2315203-006			
	D	MOD SEQ 1 THRU 2--SEE PAGE 1			
	E	MOD SEQ 3 THRU 6--SEE PAGE 1			
	F	003 THRU 099 WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381			
	G	003 THRU 014 WHEN MOD PER ECR 392			
	H	015 THRU 039 WHEN MOD PER ECR 392 OR ECR 401			
		A---ATTACHING PARTS			





2-12C

Figure 70. Control Quadrant Assembly

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				1 2 3 4 5 6 7	THRU
70 -	2315131-001	CONTROL QUADRANT ASSEMBLY -----	1		A
	2315131-076	CONTROL QUADRANT ASSEMBLY -----	1		B
	2315131-093	CONTROL QUADRANT ASSEMBLY WHEN EXHAUSTED USE 2315131-120 -----	1		C
	2315131-120	CONTROL QUADRANT ASSEMBLY -----	1		J
-1	2315131-110	• KNOB ASSEMBLY-FRICTION -----	1		
-2	2315131-008	• BLOCK ASSEMBLY-BEARING -----	1		
-5	2315131-113	• STUD -----	1		
-6	2315131-006	• WASHER-SPRING -----	1		
-7	2315131-002	• TUBE -----	1		M
	2315131-124	• TUBE -----	1		L
-8	NAS561-3-16	• PIN-SPRING -----	1		
-9	2315131-061	• FITTING ASSEMBLY-SUPPORT -----	1		D
	2315131-083	• FITTING ASSEMBLY-SUPPORT -----	1		C
-10	NAS221-68	• SCREW -----	1		
-11	NAS43DD3-214	• SPACER -----	1		
-12	NAS43DD3-24	• SPACER -----	1		
	AN960D10L	• WASHER -----	1		
		• CONTROL INSTALLATION-FLAP -----	1		D
	2315131-015	• • CONTROL ASSEMBLY-FLAP -----	1		D
-13	2315131-074	• • • HANDLE-FLAP CONTROL -----	1		D
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
70 -14	MS26522-2	. . . KNOB-FLAP CONTROL	1	D	
-15	AN509-8R8	A . . . SCREW	1	D	
-16	MS20392-2C13	. . . PIN-CLEVIS	1	D	
-17	AN960D10	. . . WASHER	1	D	
	MS24665-208	. . . PIN-COTTER	1	D	
-18	SEE FIGURE 84	. . . CABLE ASSEMBLY-FLAP CONTROL	REF	D	
-19	2315131-047	. . . PLATE-LOCK	2	D	
-20	2315131-059	. . . CLIP	2	D	
-21	MS20392-2C15	. . . PIN-CLEVIS	1	D	
-22	AN960D10	. . . WASHER	2	D	
-23	AN960D10L	. . . WASHER	2	D	
-24	2315131-027	. . . ROLLER	1	D	
	MS24665-208	. . . PIN-COTTER	1	D	
-25	MS24586C24	. . . SPRING	2	D	
-26	2315131-026	. . . BUSHING	1	D	
-27	2315131-028	. . . WASHER	2	D	
	2315131-028	. . . WASHER	1	C	
-28	2315131-019	. . . SPACER	1	D	
-29	2315131-040	. . . WASHER	1	D	
-30	2315131-041	. . . SPACER	1	D	
-30A	2315131-009	. . . WASHER	AR	D	
-31	2315131-007	. . . PLATE-LOCK	1		
-32	2315131-065	. . . WHEEL ASSEMBLY-SECTOR	2	A	
	2315131-072	. . . WHEEL ASSEMBLY-SECTOR	2	B	
-33	2315131-099	. . . WHEEL ASSEMBLY-SECTOR LH	1	K	
	2315131-117	. . . WHEEL ASSEMBLY-SECTOR LH	1	L	
-33A	2315131-100	. . . WHEEL ASSEMBLY-SECTOR RH	1	K	
	2315131-116	. . . WHEEL ASSEMBLY-SECTOR RH	1	L	
		. . . SWITCH ASSEMBLY-IGNITION LIMIT	2	C	
-34	1SM1-1	. . . SWITCH LSW25,LSW26	1	C	
-35	JS-5	. . . ROLLER ASSEMBLY	1	C	
-36	2315131-009	. . . WASHER	AR		
-37	SEE FIGURE 50	. . . CABLE ASSEMBLY-POWER	REF		
-38	SEE FIGURE 50	A . . . POWER CABLE ATTACHING PARTS	2		
-41	2315131-023	. . . PLATE-CAM	2	E	
	2315131-081	. . . PLATE-CAM	2	F	
	AN515-2R10	A . . . SCREW	4	D	
	NAS1291X02	A . . . NUT	4	D	
-42	2315131-046	. . . PLATE ASSEMBLY-LOCK	1	A	
	2315131-070	. . . PLATE ASSEMBLY-LOCK	1	G	
		. . . SWITCH ASSEMBLY-GEAR WARNING	2		
-43	1SM1-1	. . . SWITCH LSW3,LSW4	1		
-44	JS-5	. . . ROLLER ASSEMBLY	1		
-45	2315131-048	. . . SPACER	1	D	
	2315131-096	. . . SPACER	1	C	
-46	2315131-010	. . . SPACER	1	D	
	2315131-088	. . . SPACER	1	C	
-47	2315131-012	. . . LEVER-THROTTLE	2	D	
	2315131-101	. . . LEVER-THROTTLE	2	C	
-48	GP2-18X500-12	A . . . PIN-GROOVE	2		
-49	AN509-10R8	A . . . SCREW	2		
	AN960D10L	A . . . WASHER	2		
	MS20364-1032	A . . . NUT	2		
-50	MS26517-1	. . . KNOB	2		
	AN509-8R8	A . . . SCREW	2		
-51	2315131-085	. . . CAM ASSEMBLY-LH	1	C	
-51A	2315131-086	. . . CAM ASSEMBLY-RH	1	C	
-52	2315131-102	. . . SCREW-CAM ADJUST	2	C	
-53	NAS620A8	. . . WASHER	2	C	
-54	2315131-090	. . . SPACER-CAM ADJUST	2	C	
-55	2315131-089	. . . WASHER-CAM ADJUST	2	C	
-56	MS21042-08	. . . NUT	2	C	
-57	2315131-091	. . . TRUNION-CAM ADJUST	2	C	
-58	2315131-092	. . . ANGLE-SWIVEL	2	C	
-59	NAS220-7	A . . . SCREW	2	C	
-60	2315131-090	A . . . SPACER-CAM ADJUST	2	C	
-61	AN960D8	A . . . WASHER	6	C	
-62	MS20365-832	A . . . NUT	2	C	
-63	2315131-095	. . . SPACER	1	C	
-64	2315131-094	. . . SPACER	1	C	
-65	2315131-105	. . . WASHER	AR	C	
-66	2315131-026	. . . BUSHING	1	M	
	2315131-137	. . . BUSHING	1	L	
-67	2315131-080	. . . HANDLE-PARK BRAKE WHEN EXHAUSTED USE 2315131-108	1		
	2315131-108	. . . HANDLE-PARK BRAKE	1	H	
-68	SEE FIGURE 98	. . . CABLE ASSY-PARKING BRAKE	REF		
-69	AN960PD416L	. . . WASHER	AR	C	
-70	2315131-112	. . . STOP-FRICTION KNOB	1	C	
	NAS561-2-10	A . . . PIN-SPRING	1	C	

CONTINUED

A---ATTACHING PARTS

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				1 2 3 4 5 6 7	THRU
70 -		A 003 THRU 008 EXCEPT A/C MOD PER ECR 233			
		B 009 THRU 029 EXCEPT A/C MOD PER ECR 233			
		ECR 277 OR ECR 381			
		C 030 & ON & 003 THRU 029 WHEN MOD PER			
		ECR 233, ECR 277 OR ECR 381			
		D 003 THRU 029 EXCEPT A/C MOD PER ECR 233			
		ECR 277 OR ECR 381			
		E 003 THRU 014 EXCEPT A/C MOD PER ECR 233			
		F 015 THRU 029 EXCEPT A/C MOD PER ECR 233			
		ECR 277 OR ECR 381			
		G 009 & ON & 003 THRU 008 WHEN MOD PER			
		ECR 233			
		H SPARE FOR 2315131-080			
		J SPARE FOR 2315131-093			
		K USED ON 2315131-039 QUADRANT ASSY			
		L USED ON 2315131-120 QUADRANT ASSY			
		M USED ON 2315131-001, 2315131-076 &			
		2315131-093 QUADRANT ASSY			
A---ATTACHING PARTS					

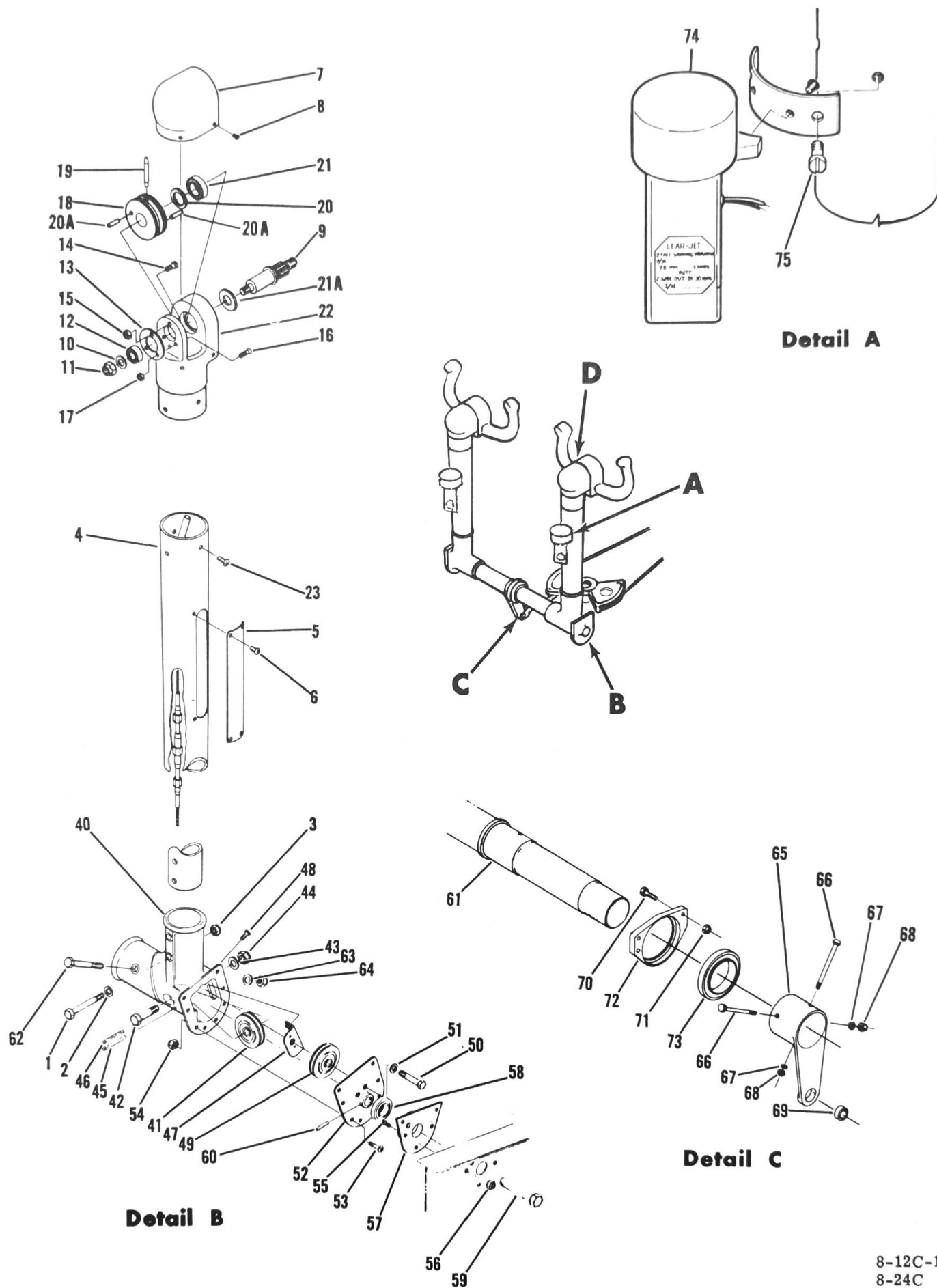
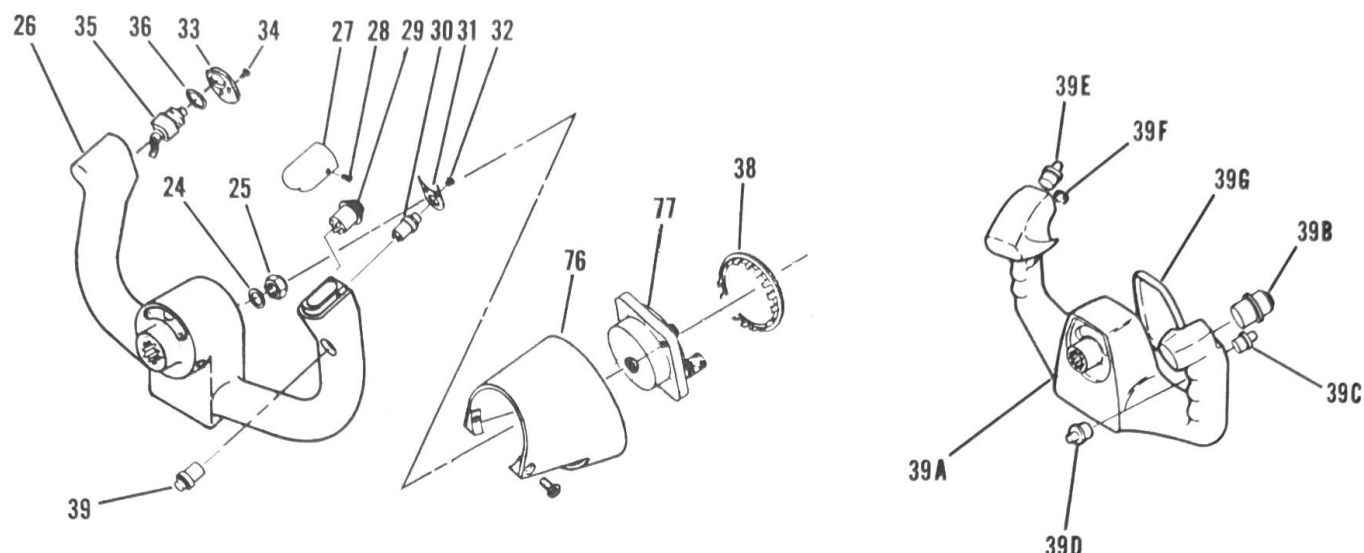


Figure 71. Control Column Installation (Sheet 1 of 2)



Detail D

D8-12C

Figure 71. Control Column Installation (Sheet 2 of 2)

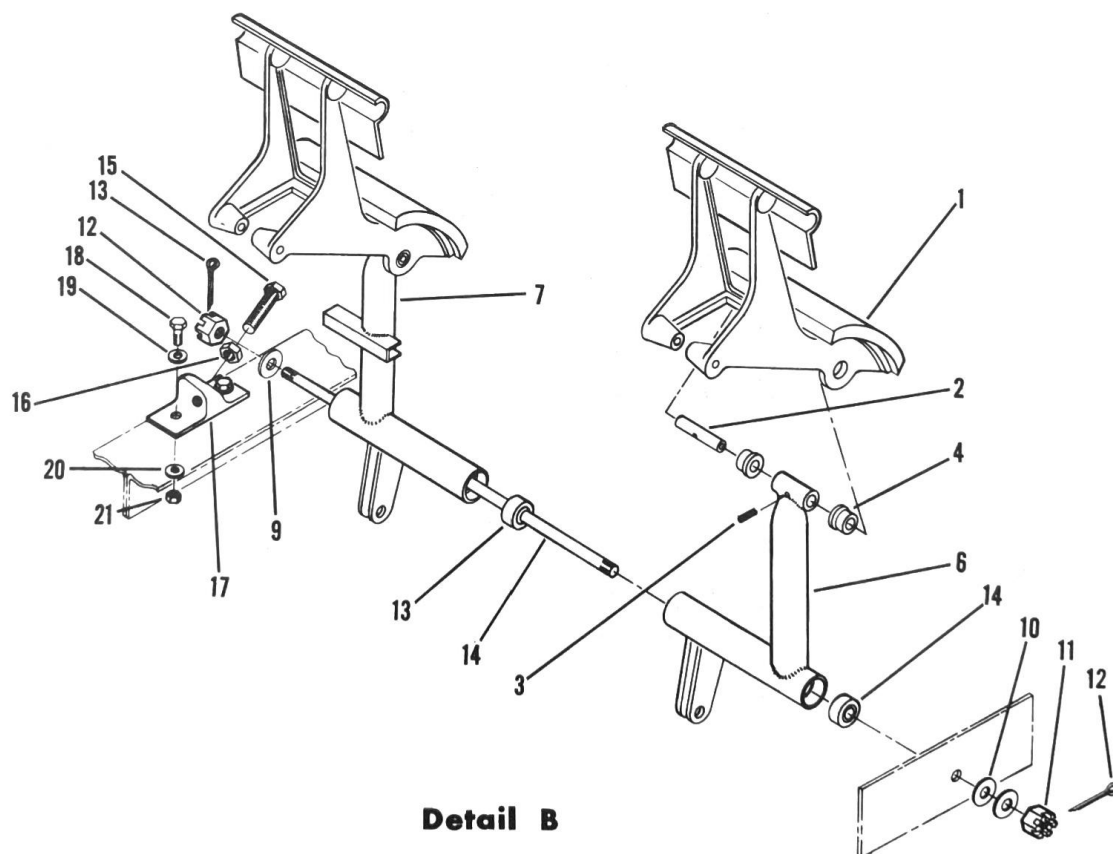
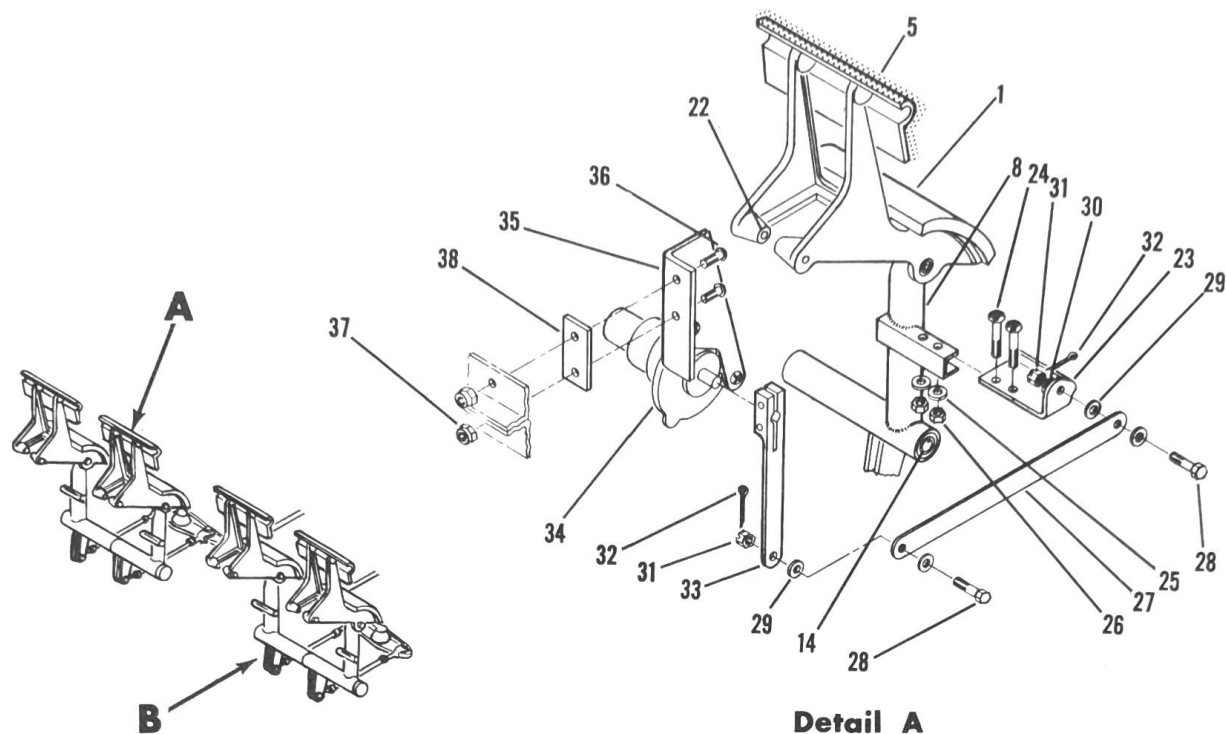
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
71 -		CONTROL COLUMN INSTALLATION			
	2315153-001	• COLUMN ASSEMBLY-CONTROL LH -----	1		
	2315153-002	• COLUMN ASSEMBLY-CONTROL RH -----	1		
-1	AN174-24A	A • BOLT -----	2		069
-2	NAS464P4A35	A • BOLT -----	2	070	
	MS20002C4	A • WASHER -----	2		017
	AN960-416L	A • WASHER -----	2	018	
-3	MS20364-428	A • NUT -----	2		
-4	2315153-026	• COLUMN ASSEMBLY-RH -----	1		
	2315153-025	• COLUMN ASSEMBLY-LH -----	1		
-5	2315153-016	• COVER PLATE RH ONLY -----	1		
-6	AN504-4R4	A • SCREW -----	4		
-7	2315153-033	• COVER -----	1		
-8	AN515-4R5	A • SCREW -----	2		
	AN504-6-5	A • SCREW -----	2		
	3585-04CN	A • INSERT-HELICOIL -----	2		
-9	2315153-005	• SHAFT-MAIN CONTROL WHEEL -----	1		
-10	AN960-616L	A • WASHER -----	1		
-11	MS21042-6	A • NUT -----	1		
-12	AN201KP6A	• BEARING -----	1		
-13	2315153-019	• PLATE-BEARING -----	1		
-14	AN502-10-8	A • SCREW -----	1		
-15	MS21042-3	A • NUT -----	1		
-16	AN507-632R8	A • SCREW -----	2		
-17	MS21042-6	A • NUT -----	2		
-18	2315153-028	• PULLEY -----	1		
-19	NAS561P6-28	A • PIN-SPRING -----	1		
-20	2315153-008	• SPACER -----	1		
-20A	NAS561P2-7	• PIN-SPRING -----	2		
-21	B-539-ZZ	• BEARING -----	1		
	B-539-DD	• BEARING ALT FOR B-539-ZZ -----	1		
-21A	2315153-027	• PLATE-BEARING -----	1		
-22	2315153-032	• SUPPORT-BEARING -----	1		
-23	B100T-6-3	A • BOLT -----	4		
	2315155-045	• WHEEL ASSY-CONTROL PILOT -----	1	E	
	2315155-051	• WHEEL ASSY-CONTROL PILOT WHEN -----	1	F	
		EXHAUSTED USE 2315155-057 -----	1	J	
	2315155-057	• WHEEL ASSY-CONTROL PILOT -----	1	E	
	2315155-044	• WHEEL ASSY-CONTROL COPILOT -----	1	E	
	2315155-052	• WHEEL ASSY-CONTROL COPILOT WHEN -----	1	F	
		EXHAUSTED USE 2315155-056 -----	1	K	
	2315155-056	• WHEEL ASSY-CONTROL COPILOT -----	1		
-24	AN960-816	A • WASHER -----	1		
-25	MS20364-820	A • NUT -----	1		
	2315155-041	• WHEEL-CONTROL PILOT -----	1	P	
	2315155-053	• WHEEL-CONTROL PILOT -----	1	Q	
	2315155-042	• WHEEL-CONTROL COPILOT -----	1	S	
-26	2315155-054	• WHEEL-CONTROL COPILOT -----	1	T	
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
71 -27	2315155-019	• COVER-TRIM SWITCH -----	1	Y	
-28	MS35192-3	A • SCREW -----	1	Y	
-29	446501	• SWITCH-TRIM FOUR DIRECTION -----	1	Y	
-30	C2006	• SWITCH-MASTER CUTOUT MASTER STEERING & AUTO PILOT DISCONNECT -----	1	Y	
-31	2315155-018	• PLATE-MASTER CUTOUT SW -----	1	Y	
-32	MS35192-5	A • SCREW -----	2	Y	
-33	2315155-017	• PLATE-COVER -----	1	U	
	2315155-055	• PLATE-COVER -----	1	V	
-34	MS35192-5	A • SCREW -----	2	Y	
-35	C2006	• SWITCH-AUTOPILOT MOMENTARY -----	1	V	
-36	2315155-050	• SPACER-AUTO MOMENTARY SWITCH -----	1	V	
-38	2315155-046	• COVER ASSY-HUB -----	1	Y	
-39	MS25089-3A	• SWITCH-MIKE WHEN EXHAUSTED USE C-2006 SW & 2415161-001 COLLAR -----	1	Y	
	C2006	• SWITCH-MIKE -----	1	Y	
	2415161-001	• COLLAR-SWITCH USE WITH C-2006 SW -----	1	Y	
	2415155-009	• WHEEL ASSY-CONTROL PILOT -----	1	N	
	2415155-010	• WHEEL ASSY-CONTROL COPILOT -----	1	N	
	AN960-816	A • WASHER -----	1	N	
	MS20364-820	A • NUT -----	1	N	
-39A	2415151-005	• WHEEL-CONTROL PILOT -----	1	N	
	2415151-006	• WHEEL-CONTROL COPILOT -----	1	N	
-39B	403-4300	• SWITCH-TRIM FOUR DIRECTION -----	1	N	
	NAS1081-06A2	A • SCREW-SET -----	1	N	
-39C	MS25089-3A	• SWITCH-MASTER CUTOUT MASTER STEERING & AUTO PILOT DISCONNECT WHEN EXHAUSTED USE C-2006 SW & 2415161-001 COLLAR -----	1	N	
	C2006	• SWITCH-MASTER CUTOUT MASTER STEERING & AUTO PILOT DISCONNECT -----	1	N	
	2415161-001	• COLLAR-SWITCH USE WITH C-2006 SW -----	1	N	
-39D	C2006	• SWITCH-MIKE -----	1	N	
	2415161-001	• COLLAR-SWITCH USE WITH C-2006 SW -----	1	N	
-39E	MS25089-3A	• SWITCH-AUTOPILOT MOMENTARY -----	1	W	
	NAS1081-06A3	A • SCREW-SET -----	1	W	
-39F	SS48152	• PLUG BUTTON -----	1	N	
-39G	2415154-003	• ESCUTCHEON-CONTROL WHEEL -----	1	W	
	2415154-005	• ESCUTCHEON-CONTROL WHEEL -----	1	X	
-40	2315152-023	• FITTING-COLUMN LH -----	1		087
	2315152-024	• FITTING-COLUMN RH -----	1		087
	2315152-027	• FITTING-COLUMN LH -----	1	088	
	2315152-028	• FITTING-COLUMN RH WHEN EXHAUSTED USE 2315152-030 -----	1	088	
	2315152-030	• FITTING-COLUMN RH -----	1	L	
-41	2315152-021	• PULLEY ASSEMBLY -----	1		
-42	NAS1305-15D	A • BOLT -----	2		
-43	AN960D516	A • WASHER -----	2		
-44	AN320-5	A • NUT -----	2		
	MS24665-134	A • PIN-COTTER -----	2		
-45	NAS427K30	• PIN-CABLE GUARD -----	2		
-46	NAS427K36	• PIN-CABLE GUARD -----	2		
-47	2315152-011	• CLIP ASSEMBLY-PULLEY -----	2		
-48	NAS220-10	A • SCREW -----	4		
-49	2315152-021	• PULLEY ASSEMBLY -----	1		
-50	NAS1305-20H	A • BOLT -----	2		
-51	AN960D516	A • WASHER -----	2		
-52	2315152-007	• PLATE-COVER LH -----	1		087
	2315152-008	• PLATE-COVER RH -----	1		087
	2315152-025	• PLATE-COVER LH -----	1	088	
	2315152-026	• PLATE-COVER RH -----	1	088	
-53	NAS221-10	• SCREW -----	8		
	NAS620-10L	• WASHER -----	8		
-54	MS21042-3	• NUT -----	8		
	2315152-005	• BLOCK ASSEMBLY-BEARING -----	2		
-55	NAS221-4	A • SCREW -----	10		
-56	MS20365-1032	A • NUT -----	10		
-57	2315152-006	• BLOCK-BEARING -----	2		
-58	AN201KP8A	• BEARING -----	2		
-59	2315152-009	• PIN-PIVOT -----	2		
-60	NAS561P4-16	• PIN-SPRING -----	2		
-61	2315151-002	• TORQUE TUBE -----	1		
-62	AN174-24A	A • BOLT -----	4		069
	NAS464P4A33	A • BOLT -----	4	070	
-63	MS20002C4	A • WASHER -----	4		017
	AN960-416L	A • WASHER -----	4	018	
-64	MS20364-428	A • NUT -----	4		
-65	2315151-004	• BELLCRANK WHEN EXHAUSTED USE 2315151-007 -----	1		024
	2315151-007	• BELLCRANK -----	1	G	
	2315154-001	• BELLCRANK WHEN EXHAUSTED USE CONTINUED			
		A---ATTACHING PARTS			



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
71 -	2315216-001	2315216-001 -----	1	H	
-66	NAS1304-36	. BELLCRANK -----	1	M	
-67	AN960D416	A . BOLT -----	2		
-68	MS20364-428	A . WASHER -----	2		
-69	LS4	A . NUT -----	2	E	
	2315151-005	. BEARING -----	1		
-70	NAS221-14	. BEARING ASSEMBLY -----	1		
-71	MS20365-1032	A . SCREW -----	4		
-72	2315151-006	A . NUT -----	4		
-73	B-545-ZZ	. . BLOCK-BEARING -----	1		
	B-545-DD	. . BEARING -----	1		
		. . BEARING ALT FOR B-545-ZZ -----	1		
-74	2380051-006	. VIBRATOR INSTALLATION-STALL WARNING -----	2		
	2380051-012	. . VIBRATOR ASSEMBLY E29,E30 WHEN -----	1	C	
	2380051-015	EXHAUSTED USE 2380051-012 -----	1	051	079
	2380051-022	. . VIBRATOR ASSEMBLY E29,E30 WHEN -----	1	080	088
	6608112-001	EXHAUSTED USE 2380051-015 -----	1	089	
-75	AN509-10-4	. . VIBRATOR ASSEMBLY E29,E30 -----	1		
		. . VIBRATOR ASSY ALT FOR 2380051-022 -----	1		
-76	2388078-001	A . SCREW -----	2		
	2388077-003	. CLOCK INSTALLATION -----	AR		
-77	AN507-640-5	. . MOUNTING ASSEMBLY-CLOCK -----	AR		
	S-222-1	A . . SPACER -----	2		
	AN507-640-10	A . . SCREW -----	2		
	AN320-1	. . CLOCK -----	AR		
	AN487-18	A . . SCREW -----	2		
		A . . NUT -----	1		
		A . . NUT -----	1		
		C 003 THRU 050A			
		E 003 & ON EXCEPT A/C MOD PER ECR 233,			
		ECR 230, ECR 227, ECR 277, ECR 381 OR			
		AAK70-3			
		F 003 & ON WHEN MOD PER ECR 233, ECR 230,			
		ECR 227, ECR 277, ECR 381 EXCEPT A/C MOD			
		PER AAK70-3			
		G 025 & ON EXCEPT A/C MOD PER ECR 233,			
		ECR 230 OR ECR 227			
		H 025 & ON WHEN MOD PER ECR 233, ECR 230			
		OR ECR 227			
		J SPARE FOR 2315155-051			
		K SPARE FOR 2315155-052			
		L SPARE FOR 2315152-028			
		M SPARE FOR 2315154-001			
		N 003 & ON WHEN MOD PER AAK70-3			
		P USED ON 2315155-045 ASSY			
		Q USED ON 2315155-051 & -057 ASSYS			
		S USED ON 2315155-044 ASSY			
		T USED ON 2315155-052 & -056 ASSYS			
		U USED ON 2315155-045 & -044 ASSYS			
		V USED ON 2315155-051, -057, -052 & -056			
		ASSYS			
		W USED ON 2415155-009 & -010 ASSYS WHEN			
		A/C MOD PER ECR 233, ECR 230, ECR 227,			
		ECR 277 OR ECR 381			
		X USED ON 2415155-009 & -010 ASSYS EXCEPT			
		WHEN A/C MOD PER ECR 233, ECR 230, ECR			
		227, ECR 277 OR ECR 381			
		Y USED ON 2315155-045, -051, -057, -044,			
		-052 & -056			
		A---ATTACHING PARTS			

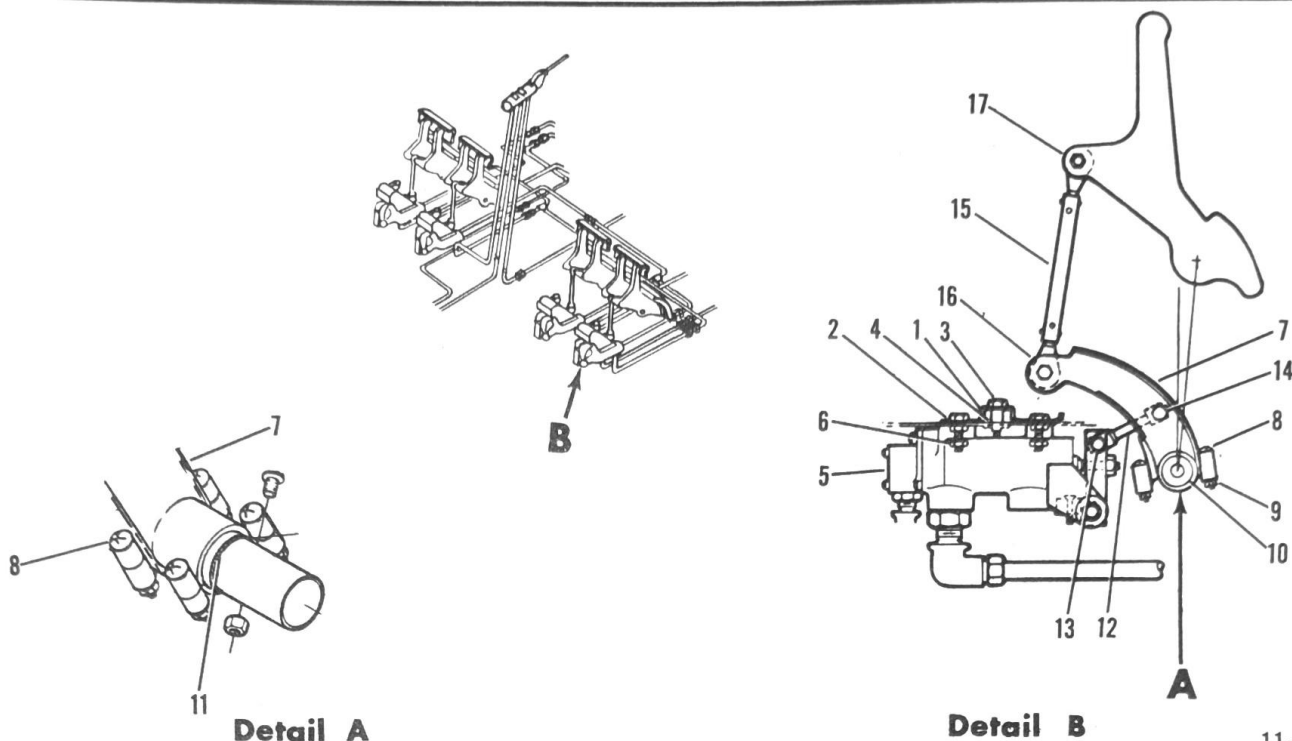




14-41C  
A8-29A  
B8-25B

Figure 72. Rudder Pedals Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
72 -		RUDDER PEDALS INSTALLATION			
-1	2315141-001	• PEDAL ASSEMBLY-RUDDER FOR SPARES	4		049
		ORDER 2315041-024 -----	4	050	
	2315141-024	• PEDAL ASSEMBLY-RUDDER -----	4		
-2	2315141-012	A • PIN-SLEEVE -----	4		
-3	NAS561-4-16	A • PIN-SPRING -----	4		
-4	NAS77-8-25	• • BUSHING -----	2		
-5	2315141-025	• • TREAD-ANTI SLIP -----	1	A	
-6	2315141-017	• SUPPORT ASSEMBLY-PEDAL OUTBOARD LH	1	B	
		WHEN EXHAUSTED USE 2315141-029 -----	1	C	
	2315141-029	• SUPPORT ASSEMBLY-PEDAL OUTBOARD LH -----	1		
	2315141-018	• SUPPORT ASSEMBLY-PEDAL OUTBOARD RH	1	B	
		WHEN EXHAUSTED USE 2315141-030 -----	1	C	
	2315141-030	• SUPPORT ASSEMBLY-PEDAL OUTBOARD RH -----	1		
-7	2315141-005	• SUPPORT ASSEMBLY-PEDAL INBOARD LH	1	B	
		WHEN EXHAUSTED USE 2315141-027 -----	1	C	
	2315141-027	• SUPPORT ASSEMBLY-PEDAL INBOARD LH -----	1		
-8	2315141-006	• SUPPORT ASSEMBLY-PEDAL INBOARD RH	1	B	
		WHEN EXHAUSTED USE 2315141-028 -----	1	C	
	2315141-028	• SUPPORT ASSEMBLY-PEDAL INBOARD RH -----	1		
-9	NAS1598-4	A • WASHER -----	2		
-10	AN9600416	A • WASHER -----	2		
-11	AN310-4	A • NUT -----	2		
-12	MS24665-134	A • PIN-COTTER -----	2		
-13	AN201KP4A	• • BEARING -----	2		
-14	2315141-020	• STUD-SUPPORT -----	2	D	
	2315140-468-1	• STUD-SUPPORT -----	2	028	028
-15	NAS428H5-10	• BOLT-ADJUSTING -----	2		
-16	AN316-5R	• NUT-CHECK -----	2		
-17	2315141-035	• BRACKET-RUDDER STOP LH -----	1		
	2315141-034	• BRACKET-RUDDER STOP RH -----	1		
-18	NAS1304-5	A • BOLT -----	2		
-19	MS20002C4	A • WASHER -----	2		
-20	NAS1598-4	A • WASHER -----	2		
-21	MS20365-428	A • NUT -----	2		
-22	SEE FIGURE 73	• BRAKE VALVE INSTALLATION -----	1		
		• FOLLOW UP INSTL-NOSE GEAR STEERING -----	1		
-23	2315146-004	• • CLIP -----	1		
-24	NAS220-16	A • • SCREW -----	2		
-25	AN960C8	A • • WASHER -----	2		
-26	MS20365-832	A • • NUT -----	2		
-27	2315146-005	• • LINK -----	1		
-28	NAS1297-4D4	A • • BOLT -----	2		
-29	AN960D516L	A • • WASHER -----	4		
-30	AN960C416	A • • WASHER -----	1		
-31	AN320-4	A • • NUT -----	2		
-32	MS24665-208	A • • PIN-COTTER -----	2		
-33	2315146-002	• • LINK -----	1		
	AN500A8-8	A • • SCREW -----	2		
-34	2380081-001	• • POTENTIOMETER-RUDDER POSITION			
		WHEN EXHAUSTED USE 2380081-010 -----	1		
	2380081-010	• • POTENTIOMETER-RUDDER POSITION -----	1	E	
	NAS220-9	A • • SCREW -----	2		
	MS20365-832	A • • NUT -----	2		
-35	2315146-003	• • SUPPORT WHEN EXHAUSTED USE			
		2315146-008 -----	1		
	2315146-008	• • SUPPORT ALT FOR 2315146-003 -----	1		
-36	NAS220-10	A • • SCREW -----	2		
-37	MS20365-832	A • • NUT -----	2		
-38	2315146-006	• • PLATE-FILLER -----	1		
		A 080 & ON & A/C MOD PER SK23-193			
		B 003 & ON EXCEPT A/C MOD PER ECR 233,			
		ECR 230, ECR 227, ECR 277 OR ECR 381			
		C 003 & ON WHEN MOD PER ECR 233, ECR 230			
		ECR 227, ECR 277 OR ECR 381			
		D 003 THRU 027, 029 & ON			
		E SPARE FOR 2380081-001			
		A---ATTACHING PARTS			



11-3C  
B14-13A

Figure 73. Brake Valve Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
73 -		BRAKE VALVE INSTALLATION			
-1	2315167-001	• SUPPORT ASSEMBLY-LH WHEN EXHAUSTED	1		
	2315167-023	USE 2315167-023	1	C	
	2315167-002	• SUPPORT ASSEMBLY-LH WHEN EXHAUSTED	1		
	2315167-024	USE 2315167-024	1	D	
-2	AN4-4A	A • BOLT	1		
-3	AN4-10A	A • BOLT	6		
-4	NAS43DD4-28	A • SPACER	2		
-5	SEE FIGURE 73A	• VALVE-POWER BRAKE	2		
-6	AN4-6A	A • BOLT	4		
	AN960D416L	A • WASHER	16		
	MS20364-428	A • NUT	16		
-7	2315166-010	• ARM ASSEMBLY-LH	16		
	2315166-015	• ARM ASSEMBLY-LH	2	A	
	2315166-011	• ARM ASSEMBLY-RH	2	B	
	2315166-016	• ARM ASSEMBLY-RH	2	A	
-8	NAS221-15	A • SCREW	2	B	
-9	MS20364-1032	A • NUT	8		
-10	14L12-D	• NYLINER	8		
-11	AN742D14	• CLAMP	8		
	AN520-10R8	A • SCREW	2		
	MS20365-1032	A • NUT	2		
-12	2315167-004	• LINK	2		
	2315167-012	• LINK	4	A	
	2315167-014	• LINK ASSEMBLY WHEN EXHAUSTED USE	4	G	
	2315167-027	2315167-027	4	F	
	2315167-016	• LINK ASSEMBLY	4	H	
-13	NAS464P3-16	• NUT ASSEMBLY	4	F	
-14	NAS464P3-9	A • BOLT	4		
	NAS75-3-007	A • BOLT	4		
	NAS75-3-012	A • BUSHING	4	E	
	AN960-10L	A • BUSHING	4		
	AN320-3	A • WASHER	8		
	MS24665-153	A • NUT	8		
		A • PIN-COTTER	8		
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
73 -15	2315167-005	. TUBE ASSEMBLY -----	4	E	
	2315167-022	. LINK ASSEMBLY WHEN EXHAUSTED USE 2315167-029 -----	4	F	
-16	2315167-029	. LINK ASSEMBLY -----	4	J	
	NAS464P4-9	A . BOLT -----	4		
-17	NAS464P4-39	A . BOLT -----	4		
	NAS43DD4-24	A . SPACER -----	8		
	AN960D416L	A . WASHER -----	8		
	AN320-4	A . NUT -----	8		
	MS24665-153	A . PIN-COTTER -----	8		
	HMV-4	. . END-ROD -----	2	E	
	REM-4T	. . END-ROD ALT -----	2	E	
	AG4S	. . BEARING -----	2	F	
	ABG-4	. . BEARING ALT -----	2	F	
	LHA-4	. . BEARING ALT -----	2	F	
		A 003 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 233, ECR 277, ECR 381 OR SK23-219			
		B 003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381 OR SK23-219			
		C SPARE FOR 2315167-001			
		D SPARE FOR 2315167-002			
		E 003 & ON EXCEPT A/C MOD PER SK23-219 OR SK23/24-270			
		F 003 & ON WHEN MOD PER SK23-219 OR SK23/24-270			
		G 003 & ON WHEN MOD PER ECR 233, ECR 230 ECR 227, ECR 277, ECR 381 EXCEPT A/C MOD PER SK23/24-270			
		H SPARE FOR 2315167-014			
		J SPARE FOR 2315167-022			
		A---ATTACHING PARTS			

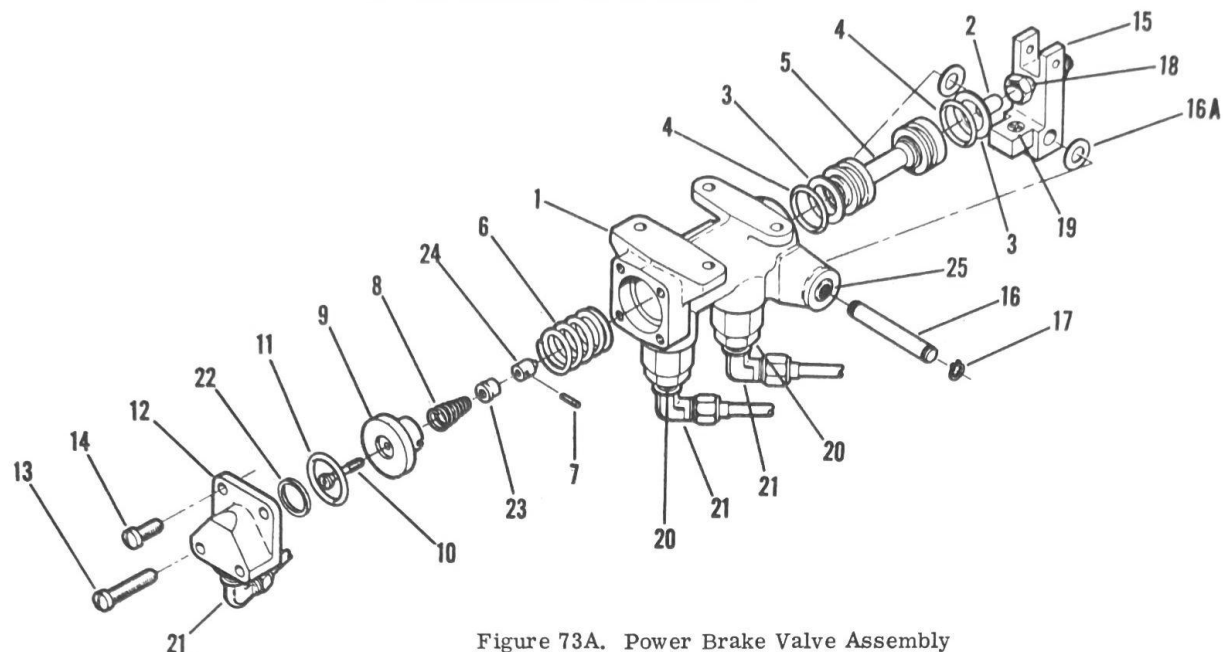


Figure 73A. Power Brake Valve Assembly

11-28C

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				1 2 3 4 5 6 7	THRU
73A-		POWER BRAKE VALVE ASSEMBLY			
	2380002-005	• VALVE ASSEMBLY-POWER BRAKE -----	4		A
	2380002-012	• VALVE ASSEMBLY-POWER BRAKE WHEN -----			
	2380002-014	EXHAUSTED USE 2380002-014 -----	4		B
	2380002-015	• VALVE ASSEMBLY-POWER BRAKE ALT FOR -----	4		B
		2380002-012 -----			
		• VALVE ASSEMBLY-POWER BRAKE ALT FOR -----	4		B
		2380002-012 -----			
-1	2380002-008	• • BODY-VALVE -----	1		
-2	401352	• • PIN-EXTENSION -----	1		
	2315167-010	• • PIN-EXTENSION ALT FOR 401352 -----	1		
-3	MS28782-16	• • RING-BACK UP USED ONLY WHEN -----			
		PISTON O RING GROOVE IS .187 -----			
		WIDE -----	2		
-4	MS28775-211	• • PACKING-O RING -----	2		
-5	2380002-009	• • PISTON -----	1		
-6	409023	• • SPRING -----	1		
	2380002-010	• • SPRING ALT FOR 409023 -----	1		
-7	1006052	• • PIN -----	1		
-8	401372	• • SPRING -----	1		
-9	408991	• • SEAT -----	1		
-10	1002941	• • POPPET -----	1		
	2315167-011	• • POPPET ALT FOR 1002941 -----	1		
-11	MS28775-215	• • PACKING-O RING -----	1		
-12	2315167-008	• • END-CAP -----	1		
-13	AN500A416-20	A • • SCREW -----	2		
-14	AN500A416-10	A • • SCREW -----	2		
-15	2315167-003	• • LEVER -----	1		C
	2315167-025	• • LEVER -----	1		D
	2315167-028	• • LEVER -----	1		F
-16	409024	A • • PIN-LEVER -----	1		
-16A	407371	• • WASHER -----	1		
-17	NAS51-31	A • • SNAP RING -----	2		E
-18	2315167-007	• • SCREW-ADJUSTMENT -----	1		
	2315067-009	• • SCREW-ADJ ALT FOR 2315167-007 -----	1		
	MS20365-524	• • NUT -----	1		
-19	551093	• • STOP-SCREW -----	1		
	2380002-013	• • STOP-SCREW ALT FOR 551093 -----	1		
	AN345-10	• • NUT-LOCK -----	1		
-20	AN893-3D	• • REDUCER -----	2		
	MS28778-8	• • PACKING-O RING -----	2		
-21	AN833-4D	• • ELBOW -----	3		
	MS28778-4	• • PACKING-O RING -----	3		
	MS28777-4	• • RING-BACK UP -----	3		
	AN6289D4	• • NUT -----	3		
		CONTINUED			
		A--ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
73A-22	1010564	. . SPACER -----	1	E	
-23	1007707	. . RETAINER -----	1	E	
-24	401360	. . VALVE -----	1		
-25	456276	. . BEARING-NEEDLE -----	2	E	
		A 003 & ON EXCEPT A/C MOD PER SK23-219 OR SK23/24-270			
		B 003 & ON WHEN MOD PER SK23-219 OR SK23/24-270			
		C COMPONENT OF 2380002-005 VALVE ASSY			
		D COMPONENT OF 2380002-012 & -014 VALVE ASSY			
		E COMPONENT OF 2380002-014 & -015 VALVE ASSY			
		F COMPONENT OF 2380002-015 VALVE ASSY			
		A---ATTACHING PARTS			

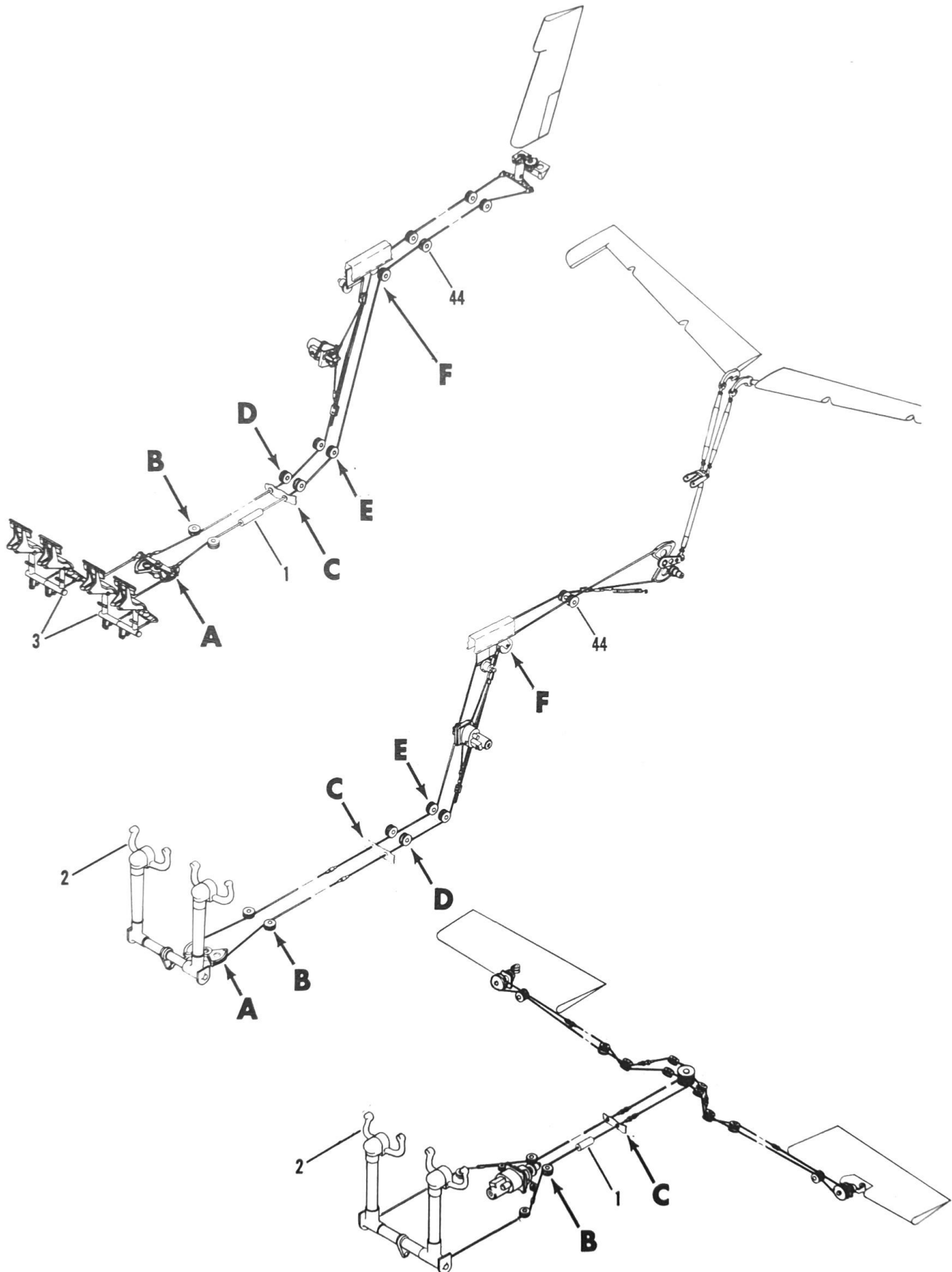
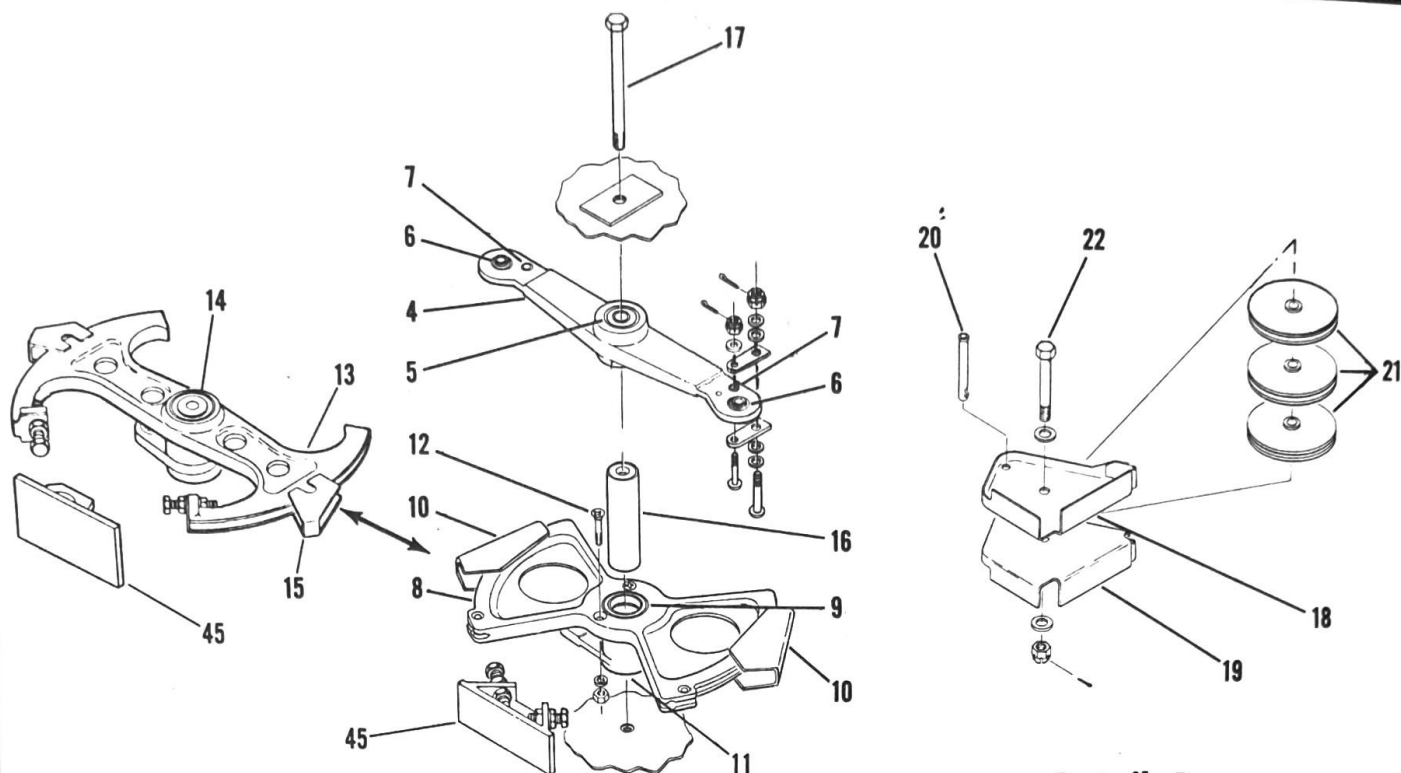
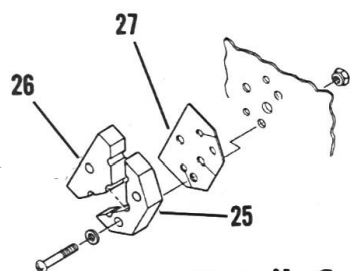
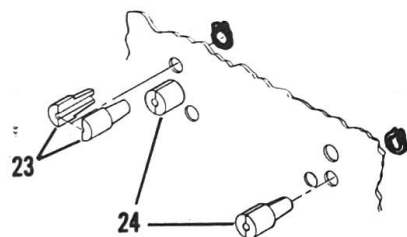
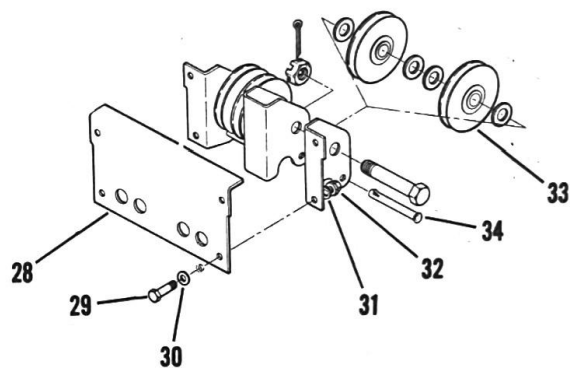
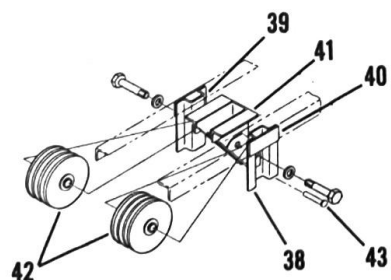
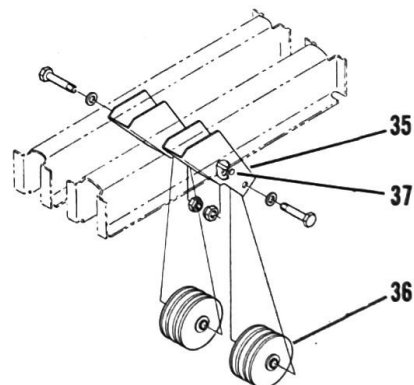


Figure 74. Flight Control System Installation (Sheet 1 of 2)

8-22C-1  
8-24C  
8-13B-1



**Detail A****Detail B****Detail C****Detail C****Detail D****Detail E****Detail F**

A8-15C  
B8-9C  
C14-11B  
C14-11B  
D8-32C  
E8-19C  
F8-19C

Figure 74. Flight Control System Installation (Sheet 2 of 2)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
74 -	SEE FIGURE 78	FLIGHT CONTROL SYSTEM INSTALLATION	1		
	SEE FIGURE 80	• AILERON CONTROL SYSTEM INSTALLATION -----	1		
	SEE FIGURE 80A	• RUDDER CONTROL SYSTEM INSTALLATION -----	1		
-1	SEE FIGURE 76	• ELEVATOR CONTROL SYSTEM INSTALLATION -----	1		
-2	SEE FIGURE 71	• RUDDER & AILERON INTERCONNECT INSTL -----	1		
-3	SEE FIGURE 72	• CONTROL COLUMN INSTALLATION -----	REF		
-4	2315129-004	• RUDDER PEDALS INSTALLATION -----	REF		
	2315129-006	• BELLCRANK ASSEMBLY-RUDDER -----	1		
-5	B-540-ZZ	• • SPACER -----	2		
	B-540-DD	• • BEARING -----	1		
-6	AN200KS4A	• • BEARING ALT FOR B-540-ZZ -----	2		
-7	D8S-4-030	• • BEARING -----	2		
	AJ04C-125	• • BUSHING -----	2		
	2315129-003	• • BUSHING ALT FOR D8S-4-030 -----	2		
-8	2315121-007	• • PLACARD -----	1		
-9	B-540-ZZ	• SECTOR ASSEMBLY-ELEVATOR -----	1	A	
-10	2315121-026	• • BEARING -----	1	A	
-11	2315121-027	• • GUARD-CABLE -----	2	A	
-12	NAS333CPA-10	• BELLCRANK ASSEMBLY-ELEVATOR -----	1	A	
	AN960D416	A • BOLT -----	2	A	
	MS20365-428	A • WASHER -----	2	A	
	LS4	A • NUT -----	2	A	
	B-540-ZZ	• • BEARING -----	1	A	
-13	2315147-001	• • BEARING -----	1	A	
	2315147-009	• SECTOR ASSEMBLY-ELEVATOR -----	1	B	
	LS4	• SECTOR ASSEMBLY-ELEVATOR -----	1	C	
	MS21233-5	• • BEARING -----	1	C	
	RSST-5	• • BEARING -----	1	C	
	LHBVV-5	• • BEARING ALT FOR MS21233-5 -----	1	C	
-14	B-540-ZZ	• • BEARING ALT FOR MS21233-5 -----	1	C	
	B-540-DD	• • BEARING -----	2	D	
	2315147-005	• • BEARING ALT FOR B-540-ZZ -----	2	D	
-15	2315147-006	• • SPACER -----	1	D	
	2315147-007	• • GUARD-CABLE LH -----	1	D	
-16	2315121-029	• • GUARD-CABLE RH -----	1	D	
-17	NAS1306-60H	• SHAFT ASSEMBLY -----	1		
-18	2315120-011	• BOLT -----	1		
		• BRACKET ASSEMBLY-PULLEY UPPER LH -----			
		• LOWER RH -----	2		
-19	2315120-012	• BRACKET ASSEMBLY-PULLEY LOWER LH -----			
		• UPPER RH -----	2		
-20	NAS427K32	• PIN-CABLE GUARD -----	2		
-21	MS20220-2	• PULLEY -----	6		
-22	AN5-24	A • BOLT -----	1		
	AN960D516	A • WASHER -----	2		
	AN310-5	A • NUT -----	1		
	MS24665-134	A • PIN-COTTER -----	1		
-23	2315126-001	• SEAL-PRESSURE -----	8		005
	5105-37	A • RING-RETAINING SELF LOCKING -----	4		005
-24	2315126-003	• SEAL-PRESSURE -----	4		005
	5105-37	A • RING-RETAINING SELF LOCKING -----	2		005
-25	2315137-006	• SEAL-PRESSURE -----	2	006	
-26	2315137-007	• SEAL-PRESSURE -----	2	006	
	NAS220-14	A • SCREW -----	6	006	
	AN960D8	A • WASHER -----	6	006	
	MS20365-832	A • NUT -----	6	006	
-27	2315137-004	• GASKET -----	6	006	
-28	2312500-032	• BRACKET ASSEMBLY-PULLEY WHEN -----	2	018	
		EXHAUSTED USE 2312500-041 -----	1		
	2312500-041	• BRACKET ASSEMBLY-PULLEY -----	1		
-29	AN3-5A	A • BOLT USED WITH 2312500-032 ONLY -----	4	E	
	AN3-4A	A • BOLT USED WITH 2312500-041 ONLY -----	4		
-30	AN960D10	A • WASHER -----	4		
-31	NAS620-10L	A • WASHER USED WITH 2312500-032 ONLY -----	4		
-32	MS21042-3	A • NUT USED WITH 2312500-032 ONLY -----	4		
-33	MS20220A1	• PULLEY -----	4		
	NAS464-5-22	A • BOLT -----	2		
	AN960D516L	A • WASHER -----	4		
	AN320-5	A • NUT -----	2		
	MS24665-134	A • PIN-COTTER -----	2		
-34	NAS427K22	• PIN-CABLE GUARD -----	2		
-35	2312500-012	• BRACKET ASSEMBLY-PULLEY -----	2		
-36	MS20220-2	• PULLEY -----	4		
	NAS464P5-23	A • BOLT -----	2		
	AN960D516L	A • WASHER -----	4		
	AN320-5	A • NUT -----	2		
	MS24665-134	A • PIN-COTTER -----	2		
-37	NAS427K24	• PIN-CABLE GUARD -----	2		
-38	2312500-027	• BRACKET ASSEMBLY-PULLEY -----	1		
-39	2312500-028	• BRACKET ASSEMBLY-PULLEY -----	1		
-40	2312500-026	• FILLER -----	2		
CONTINUED					
A---ATTACHING PARTS					

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
74 -41 -42	2312500-021	. BRACKET ASSEMBLY-PULLEY -----	1		
	MS20220-2	. PULLEY -----	4		
	NAS464P5-23	A . BOLT -----	2		
	AN960D516L	A . WASHER -----	4		
	AN320-5	A . NUT -----	2		
	MS24665-134	A . PIN-COTTER -----	2		
-43	NAS427K34	. PIN-CABLE GUARD -----	2		
	MS20220-2	. PULLEY -----	4		
-44	AN5-17	A . BOLT -----	2		
	AN960D516	A . WASHER -----	8		
	AN310-5	A . NUT -----	2		
	MS24665-208	A . PIN-COTTER -----	2		
-45	NAS427K22	. PIN-CABLE GUARD -----	2		
	SEE FIGURE 80A	. STOP INSTL-ELEVATOR SECONDARY -----	REF		
		A 003 THRU 069 EXCEPT A/C MOD PER ECR 233 ECR 230, ECR 277 OR ECR 381			
		B 070 & ON EXCEPT A/C MOD PER ECR 227			
		C 003 & ON WHEN MOD PER ECR 233, ECR 230 ECR 227, ECR 277 OR ECR 381			
		D 070 & ON & 003 THRU 069 WHEN MOD PER ECR 233, ECR 230, ECR 277 OR ECR 381			
		E SPARE FOR 2312500-032			
		A---ATTACHING PARTS			

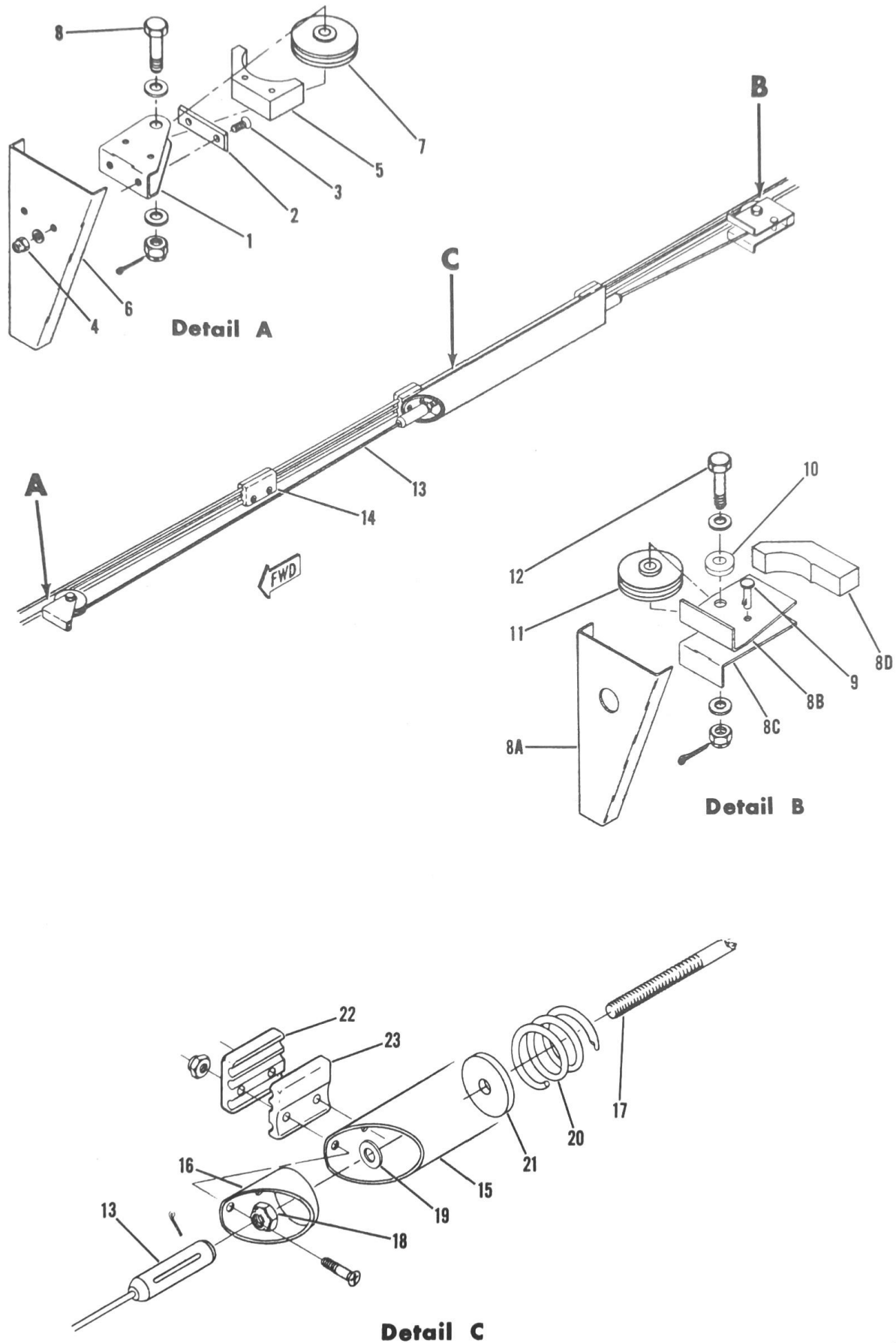


Figure 76. Rudder &amp; Aileron Interconnect Installation

8-1C  
A8-1C-1  
B8-1C-1  
C8-1C

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
76 -		RUDDER & AILERON INTERCONNECT INSTL			
-1	2315128-009	• BRACKET-PULLEY -----	1		
-2	2315128-010	• FILLER BLOCK -----	1		
-3	NAS221-10	• SCREW -----	2		
	AN960010	• WASHER -----	2		
-4	MS20365-1032	• NUT -----	2		
-5	2315128-008	• BLOCK-PULLEY GUARD -----	1		
-6	2315128-007	• BRACKET -----	1		
-7	MS20219A1	• PULLEY -----	1		
-8	AN4-10	A • BOLT -----	1		
	AN960D416	A • WASHER -----	1		
	AN310-4	A • NUT -----	1		
	MS24665-134	A • PIN-COTTER -----	1		
-8A	2315128-011	• BRACKET -----	1		
-8B	2315128-004	• BRACKET-PULLEY -----	1		
-8C	2315128-005	• BRACKET-PULLEY -----	1		
-8D	2315128-006	• BLOCK-GUARD -----	1		
-9	NAS427K9	• PIN-CABLE GUARD -----	1		
-10	2315128-012	• WASHER -----	1	015	
-11	MS20219A1	• PULLEY -----	1		
-12	AN4-10	A • BOLT -----	1		
	AN4-13	A • BOLT -----	1	015	014
	AN960D416	A • WASHER -----	1		
	AN310-4	A • NUT -----	1		
	MS24665-134	A • PIN-COTTER -----	1		
-13	2300003-126	• CABLE ASSEMBLY -----	1		
	2315127-010	• • NUT-TERMINAL -----	2		
-14	2315127-009	• CLAMP -----	2		
	NAS221-14	A • SCREW -----	2		
	AN960D10L	A • WASHER -----	2		
	MS20365-1032	A • NUT -----	2		
	2315127-001	• CARTRIDGE ASSEMBLY -----	1		
-15	2315127-004	• • TUBE -----	1		
-16	2315127-005	• • RETAINER -----	2		
-17	2315127-008	• • ROD -----	1		
-18	MS20365-428	• • NUT -----	2		
-19	AN960D416	• • WASHER -----	2		
-20	2315127-002	• • SPRING-COMPRESSION -----	1		
-21	2315127-003	• • FOLLOWER -----	2		
-22	2315127-006	• • CLAMP -----	2		
-23	2315127-007	• • CLAMP -----	2		
		A---ATTACHING PARTS			

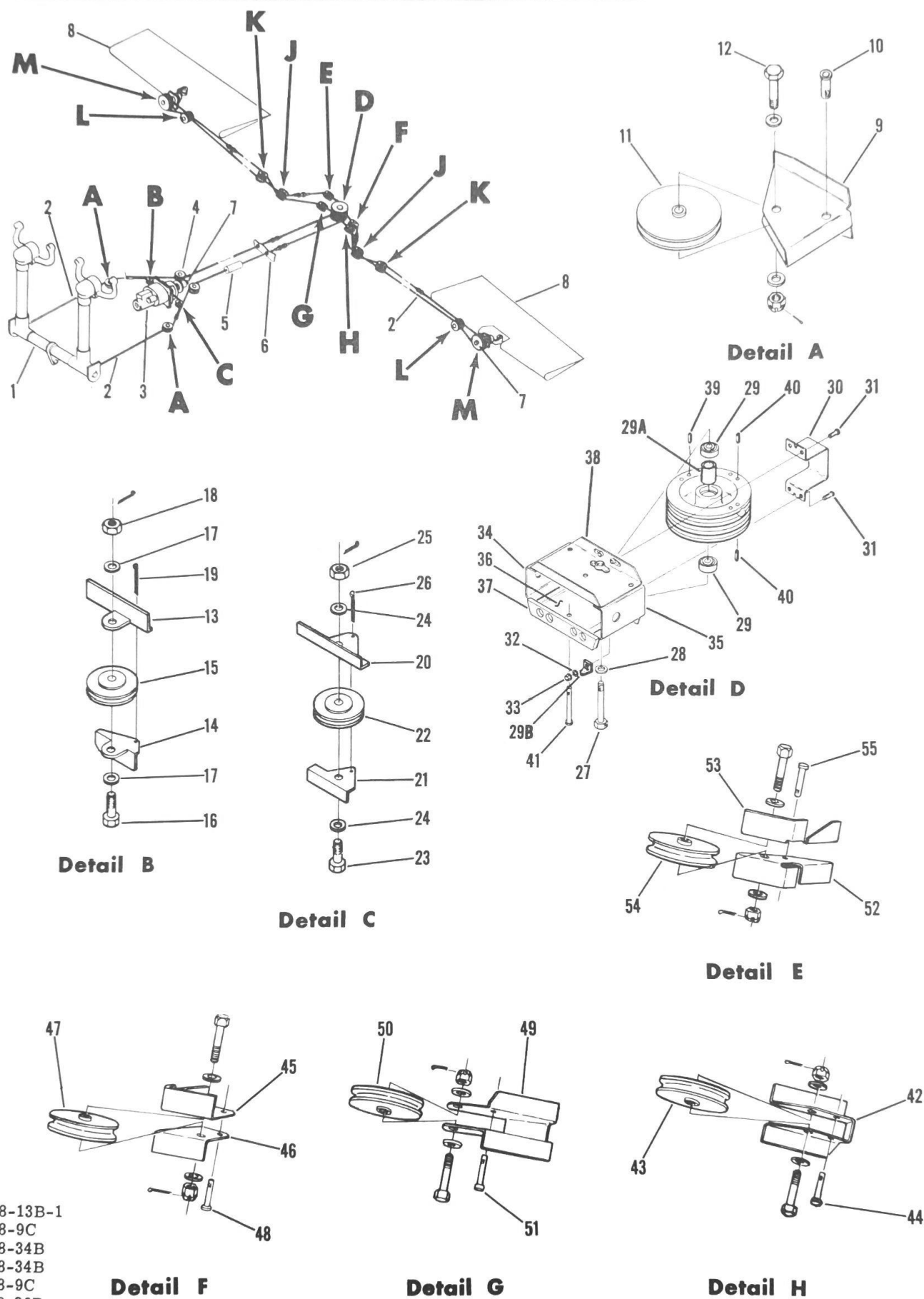
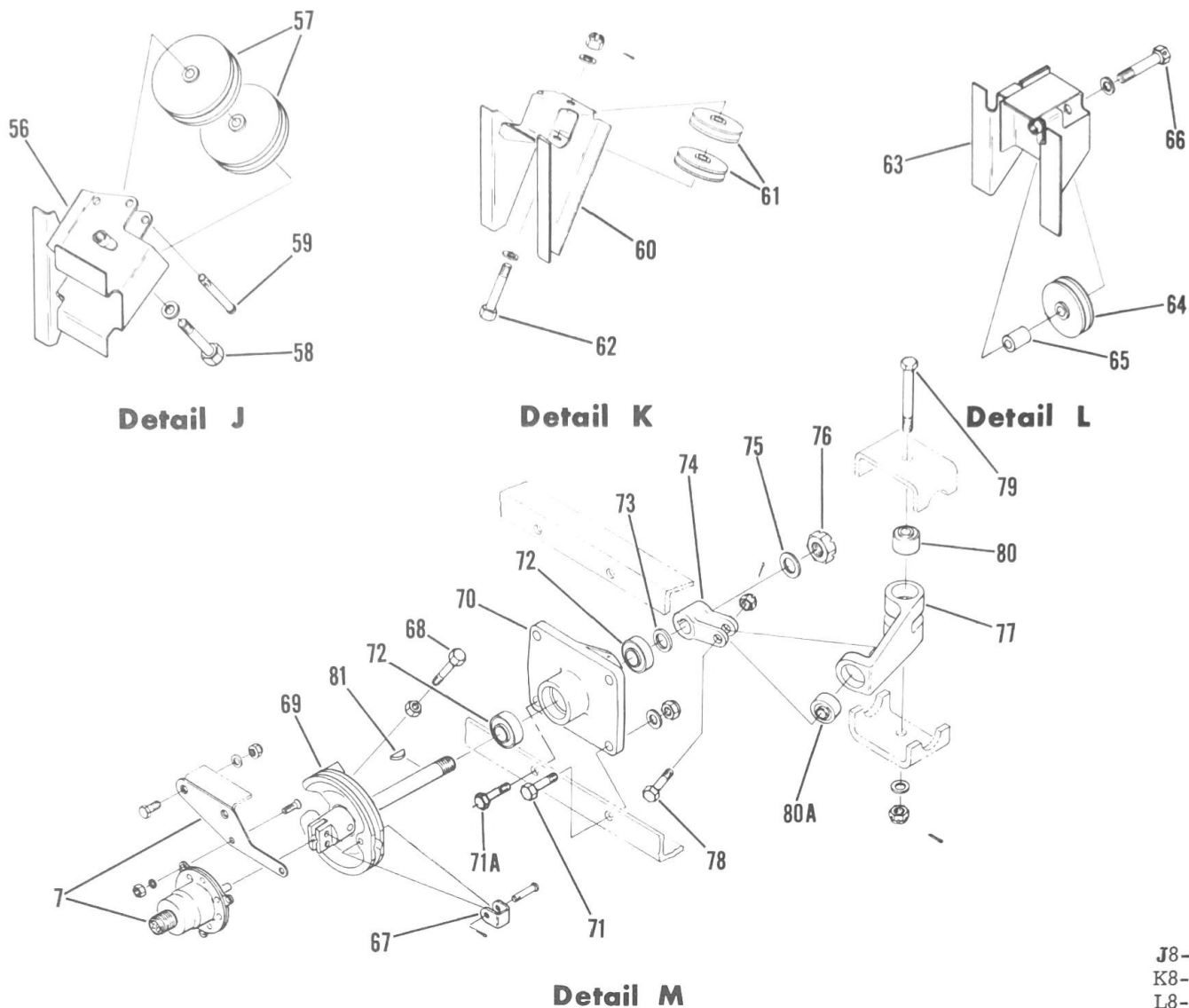


Figure 78. Aileron Control System Installation (Sheet 1 of 2)



J8-10C  
K8-9C  
L8-10C  
M8-10C

Figure 78. Aileron Control System Installation (Sheet 2 of 2)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
78 -		AILERON CONTROL SYSTEM INSTALLATION			
-1	SEE FIGURE 71	• CONTROL COLUMN INSTALLATION -----	REF		
-2	SEE FIGURE 79	• CABLES INSTALLATION-AILERON -----	1		
-3	SEE FIGURE 86	• SERVO INSTALLATION-AILERON AUTOPILOT -----	REF		
-4	SEE FIGURE 74	• PULLEY INSTALLATION-AILERON -----	REF		
-5	SEE FIGURE 76	• AILERON & RUDDER INTERCONNECT INSTL -----	REF		
-6	SEE FIGURE 74	• PRESSURE SEAL INSTALLATION -----	REF		
-7	SEE FIGURE 86	• FOLLOW-UP INSTL-AILERON AUTOPILOT -----	REF		
-8	SEE FIGURE 4	• AILERON INSTALLATION -----	REF		
-9	2315120-007	• BRACKET ASSEMBLY-PULLEY LH -----	1		
	2315120-008	• BRACKET ASSEMBLY-PULLEY RH -----	1		
-10	NAS427K12	• PIN-CABLE GUARD -----	2		
-11	MS20220-2	• PULLEY -----	2		
-12	AN5-12	A • BOLT -----	2		
	AN9600516	A • WASHER -----	4		
	AN310-5	A • NUT -----	2		
	MS24665-134	A • PIN-COTTER -----	2		
-13	2315136-005	• BRACKET-PULLEY -----	1		
-14	2315136-006	• BRACKET-PULLEY -----	1		
	2315136-013	• BRACKET-PULLEY -----	1		
-15	MS20219-2	• PULLEY -----	1		
-16	AN4-10	A • BOLT -----	1		
-17	AN9600416	A • WASHER -----	2		
-18	AN310-4	A • NUT -----	1		
	MS24665-134	A • PIN-COTTER -----	1		
-19	MS24665-283	• PIN-COTTER CABLE GUARD -----	1		
		CONTINUED			
		A---ATTACHING PARTS			

018 017



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
78 -20	2315136-007	• BRACKET-PULLEY -----	1		
-21	2315136-008	• BRACKET-PULLEY -----	1		
	2315136-014	• BRACKET-PULLEY -----	1	018	017
-22	MS20219-1	• PULLEY -----	1		
-23	AN4-10	A • BOLT -----	1		
-24	AN960D416	A • WASHER -----	2		
-25	AN310-4	A • NUT -----	1		
	MS24665-134	A • PIN-COTTER -----	1		
-26	MS24665-283	• PIN-COTTER CABLE GUARD -----	1		
	2315125-003	• SECTOR ASSEMBLY-AILERON WHEN EXHAUSTED USE 2315125-006 -----	1		
	2315125-006	• SECTOR ASSEMBLY-AILERON ALT FOR 2315125-003 -----	1		
-27	AN5H22A	A • BOLT -----	1		
-28	AN960D516	A • WASHER -----	1		
-29	AN201KP5A	• • BEARING -----	2		
-29A	2315125-005	• • SPACER -----	1	F	
-29B	2315124-035	• CLIP-BOLT RETAINER -----	1		
-30	2315160-003	• GUARD -----	1		
-31	AN520-8R7	A • SCREW -----	4		
-32	AN960D8	A • WASHER -----	2		
-33	MS21042-08	A • NUT -----	2		
-34	2315160-001	• CHANNEL -----	1		
-35	2315160-002	• CHANNEL -----	1		
-36	2315158-001	• BRACKET ASSEMBLY -----	1		015
	2315158-005	• BRACKET ASSEMBLY -----	1	016	
-37	2315158-004	• • BLOCK -----	1		015
	2315158-007	• • BLOCK -----	1	016	
-38	2315156-001	• BRACKET ASSEMBLY WHEN EXHAUSTED USE 2315156-004 -----	1		
	2315156-004	• BRACKET ASSEMBLY -----	1	A	
-39	NAS561P4-9	• PIN-SPRING -----	2		
-40	NAS561P4-8	• PIN-SPRING -----	4		
-41	NAS427K32	• PIN-CABLE GUARD -----	3		
-42	2315157-001	• BRACKET -----	1		
-43	MS20221-1	• PULLEY -----	1		
	AN5-12	A • BOLT -----	1		
	AN960D516	A • WASHER -----	2		
	AN310-5	A • NUT -----	1		
	MS24665-134	A • PIN-COTTER -----	1		
-44	NAS427K14	• PIN-CABLE GUARD -----	1		
-45	2315159-002	• BRACKET -----	1		
-46	2315159-001	• BRACKET -----	1		
-47	MS20221-1	• PULLEY -----	1		
	AN5-12	A • BOLT -----	1		
	AN960D516	A • WASHER -----	2		
	AN310-5	A • NUT -----	1		
	MS24665-134	A • PIN-COTTER -----	1		
-48	NAS427K14	• PIN-CABLE GUARD -----	1		
-49	2315157-003	• BRACKET -----	1		
-50	MS20221-1	• PULLEY -----	1		
	AN5-12	A • BOLT -----	1		
	AN960D516	A • WASHER -----	2		
	AN310-5	A • NUT -----	1		
	MS24665-134	A • PIN-COTTER -----	1		
-51	NAS427K14	• PIN-CABLE GUARD -----	1		
-52	2315159-001	• BRACKET -----	1		
-53	2315159-003	• BRACKET -----	1		
-54	MS20221-1	• PULLEY -----	1		
	AN5-12	A • BOLT -----	1		
	AN960D516	A • WASHER -----	2		
	AN310-5	A • NUT -----	1		
	MS24665-134	A • PIN-COTTER -----	1		
-55	NAS427K14	• PIN-CABLE GUARD -----	1		
-56	2324505-003	• BRACKET LH -----	1		
	2324505-004	• BRACKET RH -----	1		
-57	MS20221A1	• PULLEY -----	4		
-58	AN5H16A	A • BOLT -----	2		
-59	NAS427K22	• PIN-CABLE GUARD -----	4		
-60	2324505-006	• BRACKET ASSEMBLY -----	2		
-61	MS20220A1	• PULLEY -----	4		
-62	AN5-17	A • BOLT -----	2		
	AN960D516	A • WASHER -----	4		
	AN310-5	A • NUT -----	2		
-63	2324505-029	• BRACKET ASSEMBLY LH WHEN EXHAUSTED USE 2324505-039 -----	1		
	2324505-039	• BRACKET ASSEMBLY LH -----	1	B	
	2324505-030	• BRACKET ASSEMBLY RH WHEN EXHAUSTED USE 2324505-040 -----	1		
	2324505-040	• BRACKET ASSEMBLY RH -----	1	C	
	2324505-028	• • GUARD-CABLE WHEN EXHAUSTED USE CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
78 -	2324505-041	2324505-041 -----	1	C	D
	NAS221-8	. . GUARD-CABLE -----	1		
	MS20365-1032	A . . SCREW -----	2		
-64	MS20220A1	A . . NUT -----	2		
-65	NAS43DD5-40	. . PULLEY -----	2		
	2324505-031	. . SPACER -----	2		
-66	AN5H16A	. . SPACER ALTERNATE FOR NAS43DD5-40 -----	2		
	AN960D516	A . BOLT -----	2		
-67	2324505-020	A . WASHER -----	2		
	MS20392-1C21	. . RETAINER-CABLE -----	2		
-68	NAS428H4-7	A . PIN-CLEVIS -----	2		
	NAS509-4	. . BOLT-PULLEY TRAVEL ADJUSTING -----	4		
	MS20365-428	. . NUT-LOCK PULLEY TRAVEL -----	8		
	AN960D416L	. . NUT ALTERNATE FOR NAS509-4 -----	4		
-69	2324513-007	. . WASHER USED WITH MS20365-428 -----	AR		
	2324513-008	. . NUT-LOCK USED WITH MS20365-428 -----	4		
-70	2324510-008	. . PULLEY ASSEMBLY-AILERON DRIVE LH -----	1		
-71	NAS1104-8	. . PULLEY ASSEMBLY-AILERON DRIVE RH -----	1		
-71A	NAS1104-11	. . SUPPORT ASSEMBLY-BEARING -----	2		
	AN960D416	A . BOLT -----	4		
	MS21042-4	A . BOLT -----	4		
-72	AN201KP8A	A . WASHER -----	8		
-73	2324512-002	A . NUT -----	8		
-74	2324512-003	. . BEARING -----	2		
	2324512-005	. . SHIM-CLEVIS -----	AR		
-75	AN960-816	. . CLEVIS-AILERON DRIVE WHEN EXHAUSTED -----	2		
-76	AN320-8	USE 2324512-005 -----	2	E	
-77	2324511-001	. . CLEVIS-AILERON DRIVE -----	2		
-78	NAS464P4-12	. . WASHER -----	2		
	2324512-004	. . NUT -----	2		
	AN960-416	. . YOKE ASSEMBLY-AILERON CONTROL -----	2		
	AN320-4	A . BOLT -----	2		
-79	MS24665-132	A . SHIM -----	AR		
-80	SEE FIGURE 4	A . WASHER -----	2		
	BR-4	A . NUT -----	2		
-80A	AN207DPP4	A . PIN-COTTER -----	2		
	BP-4	A . BOLT -----	REF		
	KSP4	. . BEARING -----	2		
-81	MS27645-4	. . BEARING ALT FOR BR-4 -----	2		
	AN280R40G	. . BEARING ALT FOR BP-4 -----	1		
		. . BEARING ALT FOR BP-4 -----	1		
		. . KEY-WOODRUFF -----	2		
		A SPARE FOR 2315156-001			
		B SPARE FOR 2324505-029			
		C SPARE FOR 2324505-030			
		D SPARE FOR 2324505-028			
		E SPARE FOR 2324512-003			
		F USED ON 2315125-006 SECTOR ASSY			
		A---ATTACHING PARTS			

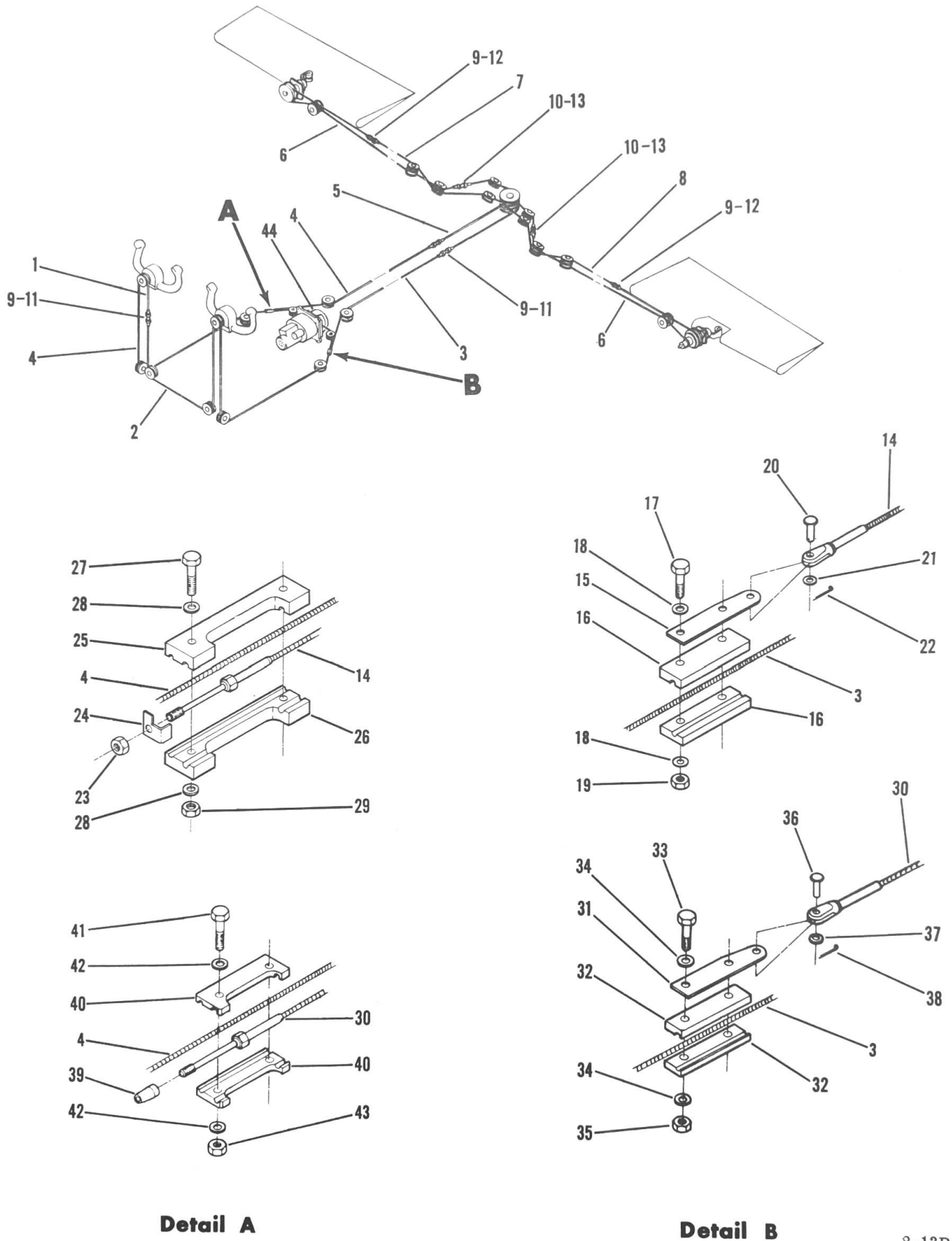


Figure 79. Aileron Control Cables Installation

8-13B-1  
 8-30B  
 8-30B  
 A8-30B  
 B8-30B

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
79 -		AILERON CONTROL CABLES INSTALLATION			
-1	2300003-143	• CABLE ASSEMBLY -----	1		
-2	2300003-144	• CABLE ASSEMBLY -----	1		
-3	2300003-141	• CABLE ASSEMBLY -----	1		
-4	2300003-142	• CABLE ASSEMBLY -----	1		
-5	2300003-017	• CABLE ASSEMBLY -----	1		
-6	2300003-016	• CABLE ASSEMBLY -----	2		
-7	2300003-077	• CABLE ASSEMBLY -----	1		
-8	2300003-078	• CABLE ASSEMBLY -----	1		
-9	NAS651-16L	• CLIP-TURNBUCKLE LOCKING -----	10		
-10	NAS651-16S	• CLIP-TURNBUCKLE LOCKING -----	4		
-11	NAS649B32L	• BARREL-TURNBUCKLE -----	3		
-12	NAS649B46L	• BARREL-TURNBUCKLE -----	2		
-13	NAS649B46S	• BARREL-TURNBUCKLE -----	2		
		• CABLE INSTALLATION-AILERON SERVO -----	1		004
-14	2300003-094	• CABLE ASSEMBLY -----	1		004
-15	2300003-084	• PLATE -----	1		004
-16	2300003-085	• CLAMP-CABLE -----	2		004
-17	AN3-7A	A • BOLT -----	2		004
-18	AN960D10	A • WASHER -----	4		004
-19	MS20365-1032	A • NUT -----	2		004
-20	MS20392-2C11	A • PIN-CLEVIS -----	1		004
-21	AN960D10L	A • WASHER -----	1		004
-22	MS24665-130	A • PIN-COTTER -----	1		004
-23	2300003-086	• NUT-LOCK -----	1		004
-24	2300003-089	• CLIP-LOCK -----	1		004
-25	2300003-087	• CLAMP-CABLE -----	1		004
-26	2300003-088	• CLAMP-CABLE -----	1		004
-27	AN3-7A	A • BOLT -----	2		004
-28	AN960D10	A • WASHER -----	4		004
-29	MS20365-1032	A • NUT -----	2		004
		• CABLE INSTALLATION-AILERON SERVO -----	1	005	
-30	2300003-099	• CABLE ASSEMBLY -----	1	005	
-31	2300003-084	• PLATE -----	1	005	
-32	2300003-096	• CLAMP-CABLE -----	2	005	
-33	AN3-7A	A • BOLT -----	2	005	
-34	AN960D10	A • WASHER -----	4	005	
-35	MS20365-1032	A • NUT -----	2	005	
-36	MS20392-2C11	A • PIN-CLEVIS -----	1	005	
-37	AN960D10L	A • WASHER -----	1	005	
-38	MS24665-130	A • PIN-COTTER -----	1	005	
-39	2300003-110	• NUT -----	1	005	
-40	2300003-107	• CLAMP-CABLE -----	2	005	
-41	AN3-7A	A • BOLT -----	2	005	
-42	AN960D10	A • WASHER -----	4	005	
-43	MS20365-1032	A • NUT -----	2	005	
-44	2300003-109	• INSERT-CABLE -----	1	005	
		A---ATTACHING PARTS			

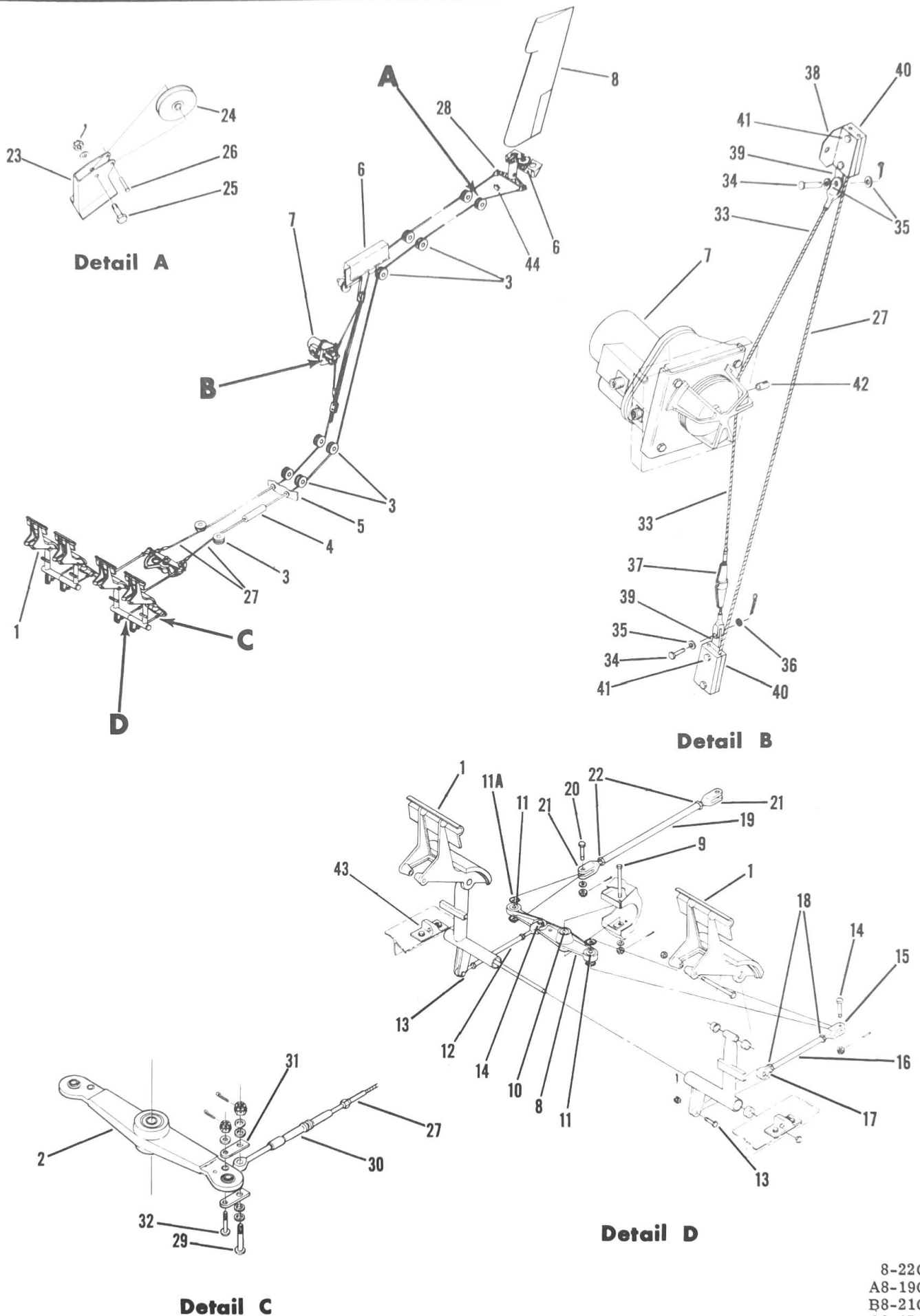


Figure 80. Rudder Control System Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
80 -		RUDDER CONTROL SYSTEM INSTALLATION			
-1	SEE FIGURE 72	• PEDALS INSTALLATION-RUDDER -----	REF		
-2	SEE FIGURE 74	• BELLCRANK INSTALLATION-RUDDER -----	REF		
-3	SEE FIGURE 74	• PULLEY INSTALLATION-RUDDER -----	REF		
-4	SEE FIGURE 76	• RUDDER & AILERON INTERCONNECT INSTL -----	REF		
-5	SEE FIGURE 74	• PRESSURE SEAL INSTALLATION -----	REF		
-6	SEE FIGURE 86	• SERVO INSTALLATION-RUDDER AUTOPILOT -----	REF		
-7	SEE FIGURE 86	• FOLLOW-UP INSTL-RUDDER AUTOPILOT -----	REF		
-8	SEE FIGURE 22	• RUDDER INSTALLATION -----	REF		
	2315121-001	• BELLCRANK ASSEMBLY-RUDDER WHEN EXHAUSTED USE 2315138-001 -----	2		037
	2315138-001	• BELLCRANK ASSEMBLY-RUDDER WHEN EXHAUSTED USE 2315138-004 -----	2	038	
	2315138-004	• BELLCRANK ASSEMBLY-RUDDER SEE NOTE 1 WHEN EXHAUSTED USE 2315138-006 -----	2	B	
	2315138-006	• BELLCRANK ASSEMBLY-RUDDER SEE NOTE 1 -----	2	E	
-9	NAS1304-32H	A • BOLT -----	2		
-10	AN201KP4A	• BEARING -----	2		
	2315138-003	• SPACER -----	1	038	
-11	LS4	• BEARING -----	3	F	
	MS21233-4	• BEARING -----	3	C	
-11A	AN960PD416L	• WASHER -----	6	C	
-12	2315121-016	• TUBE ASSEMBLY -----	4		
-13	NAS464P5-9	A • BOLT -----	4		
-14	NAS464P4-9	A • BOLT -----	4		
	AN320-5	A • NUT -----	4		
	AN320-4	A • NUT -----	4		
	MS24665-134	A • PIN-COTTER -----	8		
-15	2315121-014	• ROD END -----	1		
-16	2315121-017	• TUBE -----	1		
-17	MS21242-S05	• ROD END -----	1		
-18	AN316-5R	• NUT-JAMB -----	2		
-19	2315121-020	• TUBE ASSEMBLY -----	2		
-20	NAS464P4-9	A • BOLT -----	4		
	AN320-4	A • NUT -----	4		
	MS24665-134	A • PIN-COTTER -----	4		
-21	2315121-014	• ROD END -----	2		
	2315121-021	• TUBE -----	1		
-22	AN316-5R	• NUT-JAMB -----	2		
-23	2331510-021	• BRACKET-PULLEY LH -----	1		
	2331510-022	• BRACKET-PULLEY RH -----	1		
-24	MS20220A2	• PULLEY -----	2		
-25	AN5-12	A • BOLT -----	2		
	AN960D516	A • WASHER -----	2		
	AN310-5	A • NUT -----	2		
	MS24665-134	A • PIN-COTTER -----	2		
-26	NAS427K12	• PIN-CABLE GUARD -----	2		
-27	2300003-129	• CABLE ASSEMBLY-RUDDER WHEN EXHAUSTED USE 2300003-159 -----	2		
	2300003-159	• CABLE ASSEMBLY-RUDDER -----	2	D	
-28	NAS464-4-8	A • BOLT -----	2		
	AN960-416L	A • WASHER -----	4		
	2300003-124	A • SPACER -----	4		
	AN320-4	A • NUT -----	2		
	MS24665-134	A • PIN-COTTER -----	2		
-29	AN25-12	A • BOLT -----	2		
	AN960D516	A • WASHER -----	4		
	AN320-5	A • NUT -----	2		
	MS24665-134	A • PIN-COTTER -----	2		
-30	NAS649B46L	• CONNECTING PARTS -----	2		
	NAS651-16L	• BARREL-TURNBUCKLE -----	4		
	NAS648-46LL	• CLIP-TURNBUCKLE LOCKING -----	2		
-31	2300003-131	• EYE-TURNBUCKLE -----	4		
-32	AN24-12	• LINK -----	2		
	AN960D416L	A • BOLT -----	2		
	AN320-4	A • WASHER -----	2		
	MS24665-134	A • NUT -----	2		
		A • PIN-COTTER -----	2		
-33	2300003-081	• CABLE INSTALLATION-RUDDER AUTOPILOT SERVO -----	1		
	2300003-098	• CABLE ASSEMBLY-RUDDER SERVO -----	1		004
-34	MS20392-2C11	• CABLE ASSEMBLY-RUDDER SERVO -----	1	005	
-35	AN960D10L	A • PIN-CLEVIS -----	2		
-36	AN960D10	A • WASHER -----	3		
	MS24665-130	A • WASHER -----	2		
		A • PIN-COTTER -----	2		
-37	NAS649B16S	• CONNECTING PARTS -----	1		
	NAS649B8S	• BARREL-TURNBUCKLE -----	1	005	004
	NAS651-16S	• BARREL-TURNBUCKLE -----	2		
	NAS645-16LS	• CLIP-TURNBUCKLE LOCKING -----	1		004
		• FORK-TURNBUCKLE -----	1		
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION  1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
80 -	NAS645-8LS	• • • FORK-TURNBUCKLE -----	1	005	
-38	2300003-163	• • ANGLE-AUTOPILOT FOLLOW-UP ATTACH -----	1	A	
-39	2300003-084	• • PLATE -----	2		
-40	2300003-128	• • CLAMP-CABLE -----	4		
-41	AN3-10A	A • • BOLT -----	4		
	AN960D10	A • • WASHER -----	4		
	MS20365-1032	A • • NUT -----	4		
-42	2300003-109	• • INSERT -----	1	005	
-43	SEE FIGURE 72	• STOP INSTL-RUDDER PEDAL -----	REF		
-44	SEE FIGURE 22	• STOP INSTL-RUDDER PRIMARY -----	REF		
	NOTE 1	WHEN THIS PART IS USED AS A SPARE FOR 2315121-001 OR 2315138-001 USE 6 EA AN960PD416L WASHERS			
	A	003 & ON WHEN MOD PER SK23-217			
	B	SPARE FOR 2315138-001			
	C	USE WITH 2315138-004 & -006			
	D	SPARE FOR 2300003-129			
	E	SPARE FOR 2315138-004			
	F	COMPONENT OF 2315121-001 & 2315138-001			
		A---ATTACHING PARTS			



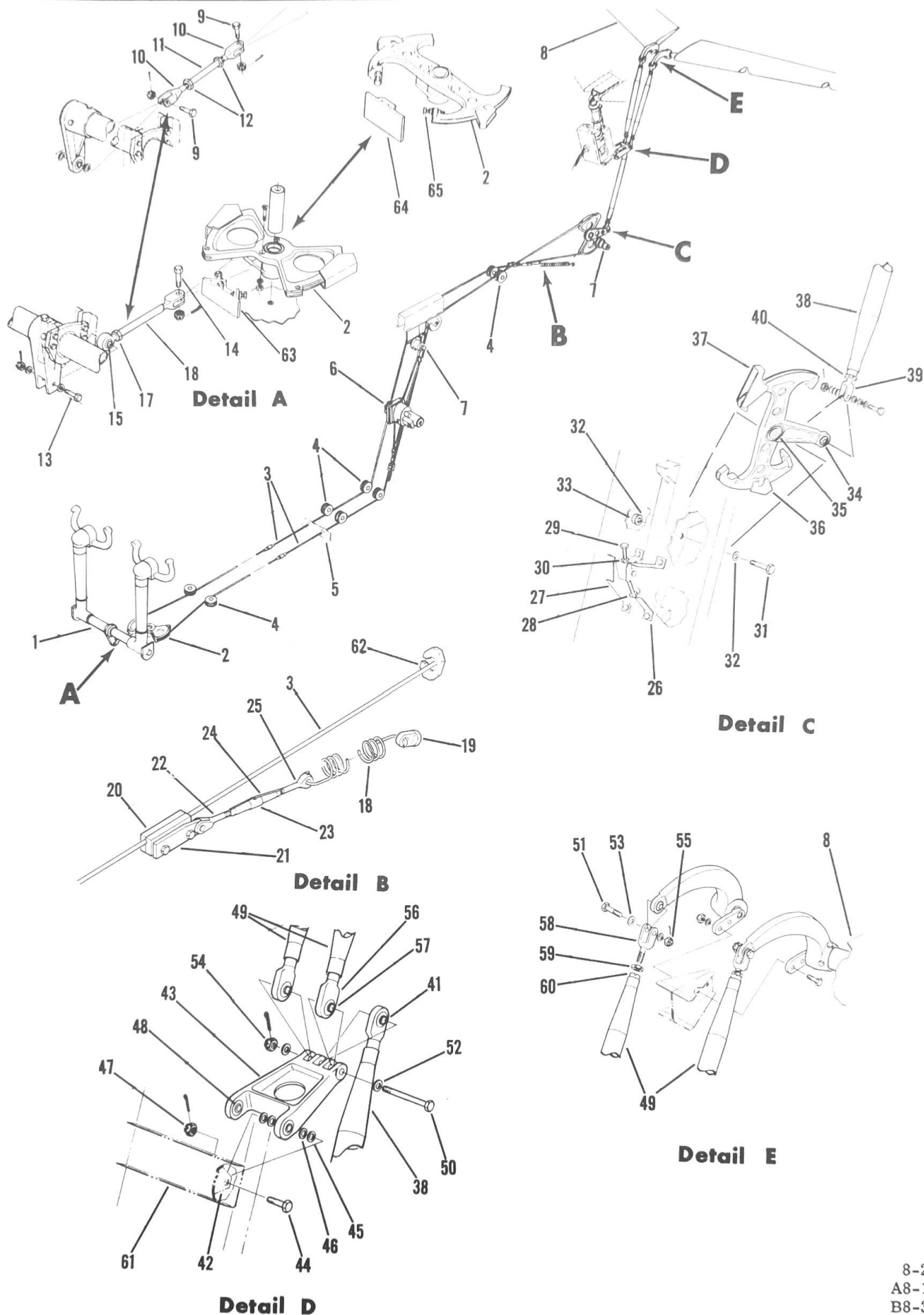


Figure 80A. Elevator Control System Installation

8-24C  
 A8-15C  
 B8-32C  
 C8-14C  
 D8-15C  
 E8-14C

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				1 2 3 4 5 6 7	THRU
80A-		ELEVATOR CONTROL SYSTEM INSTALLATION			
-1	SEE FIGURE 71	• CONTROL COLUMN INSTALLATION -----	REF		
-2	SEE FIGURE 74	• SECTOR ASSEMBLY INSTALLATION-ELEVATOR -----	REF		
-3	SEE FIGURE 81	• CABLES INSTALLATION-ELEVATOR CONTROL -----	1		
-4	SEE FIGURE 74	• PULLEY INSTALLATION-ELEVATOR -----	REF		
-5	SEE FIGURE 74	• PRESSURE SEAL INSTALLATION -----	REF		
-6	SEE FIGURE 86	• SERVO INSTL-ELEVATOR AUTOPILOT -----	REF		
-7	SEE FIGURE 86	• FOLLOW-UP INSTL-ELEVATOR AUTOPILOT -----	REF		
-8	SEE FIGURE 21	• ELEVATOR ASSEMBLY -----	REF		
	2315121-018	• PUSH ROD ASSEMBLY WHEN EXHAUSTED -----			
		USE 2315121-031 -----	1	A	
	2315121-031	• PUSH ROD ASSEMBLY WHEN EXHAUSTED -----			
		USE 2315121-034 -----	1	B	
	2315121-034	• PUSH ROD ASSEMBLY -----	1	C	
-9	NAS464P4-9	A • BOLT -----	2	A	
	NAS464P4-12	A • BOLT -----	2	D	
	AN960-416	A • WASHER-SPACER SECTOR BELLCRANK -----	2	D	
	AN320-4	A • NUT -----	2	E	
	MS24665-134	A • PIN-COTTER -----	2	E	
-10	2315121-014	• • ROD END BOTH ENDS -----	2	A	
	2315121-014	• • ROD END TORQUE TUBE BELLCRANK -----	1	B	
	2315121-033	• • ROD END SECTOR BELLCRANK -----	1	B	
	2315121-033	• • ROD END BOTH ENDS -----	2	C	
-11	2315121-019	• • TUBE -----	1	E	
-12	AN316-5R	• • NUT-CHECK -----	2	E	
	2315168-001	• PUSH ROD ASSEMBLY -----	1	F	
-13	NAS464P5-18	A • BOLT -----	1	F	
-14	NAS464P5-12	A • BOLT -----	1	F	
	AN960D516L	A • WASHER-SPACER TORQUE TUBE BELLCRANK -----	2	F	
	AN960D516	A • WASHER-SPACER SECTOR BELLCRANK -----	3	F	
	AN320-5	A • NUT -----	2	F	
	MS24665-134	A • PIN-COTTER -----	2	F	
-15	RE5M6	• • ROD END -----	1	F	
-16	2315168-006	• • TUBE ASSEMBLY -----	1	F	
-17	AN316-6R	• • NUT-CHECK -----	1	F	
-18	2331510-035	• SPRING -----	1		
-19	AN4384A	• BOLT-EYE -----	1		
	AN960D416	A • WASHER -----	1		
	MS20365-428	A • NUT -----	1		
-20	2300003-085	• CLAMP -----	1		
-21	2300003-084	• PLATE -----	1		
	AN3-10A	A • BOLT -----	2		
	AN960D10	A • WASHER -----	2		
	MS20365-1032	A • NUT -----	2		
-22	NAS645B16S	• FORK-TURNBUCKLE -----	1		
	MS20392-3C11	A • PIN-CLEVIS -----	1		
	AN960D10L	A • WASHER -----	1		
	MS24665-130	A • PIN-COTTER -----	1		
-23	NAS649B16S	• BARREL-TURNBUCKLE -----	1		
-24	NAS651-16S	• CLIP-TURNBUCKLE LOCKING -----	2		
-25	NAS647-16LS	• EYE-TURNBUCKLE -----	1		
-26	2331510-003	• BRACKET-STOP CONTROL -----	1		
-27	2331510-004	• BRACKET-STOP CONTROL -----	1		
	AN3-4A	A • BOLT -----	5		
	AN960D10	A • WASHER -----	5		
	MS20365-1032	A • NUT -----	5		
-28	2331510-005	• MOUNT-STOP BOLT -----	1		
	AN3-14A	A • BOLT -----	2		
	AN960D10	A • WASHER -----	2		
	MS20365-1032	A • NUT -----	2		
-29	NAS428H4-14	• BOLT -----	2	070	069
	NAS428H4-7	• BOLT -----	2		
-30	AN316-4R	• NUT -----	2		
	2315121-024	• SECTOR ASSEMBLY-ELEVATOR -----	1	070	069
	2315147-002	• SECTOR ASSEMBLY-ELEVATOR -----	1		
-31	AN6-17	A • BOLT -----	1		
-32	AN960D616	A • WASHER -----	2		
-33	AN310-6	A • NUT -----	1		
	MS24665-283	A • PIN-COTTER -----	1		
	AN960D616L	A • WASHER -----	2		
-34	AN201KP4A	• • BEARING -----	1	070	069
	KS4A	• • BEARING -----	1		
-35	DPP-6	• • BEARING -----	1		
	NAS561-5-6	• • PIN-SPRING -----	1		069
-36	2331510-023	• • GUARD-CABLE -----	1	070	069
	2315147-006	• • GUARD-CABLE -----	1		
-37	2331510-024	• • GUARD-CABLE -----	1	070	069
	2315147-010	• • GUARD-CABLE -----	1		
-38	2331510-033	• TUBE ASSEMBLY -----	1		
	NAS464P4-11	A • BOLT -----	2		
	AN960D416	A • WASHER -----			
CONTINUED					
A---ATTACHING PARTS					

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
80A-	AN310-4	A . NUT -----	1		
	MS24665-132	A . PIN-COTTER -----	1		
	2331510-030	. . ADAPTER -----	1		
-39	2331510-032	. . CLEVIS -----	1		
-40	NAS509-6	. . NUT -----	1		
	NAS559-2	. . LOCK-ROD END -----	1		
-41	2331510-028	. . ROD END ASSEMBLY -----	1		
	AN200KS4	. . BEARING -----	1		
-42	2331510-017	. BRACKET-HINGE -----	4		
	NAS221-10	A . SCREW -----	2		
	AN960D10	A . WASHER -----	2		
-43	2331512-001	. ARM ASSEMBLY -----	1		
-44	NAS464P4-9	A . BOLT -----	2		
-45	AN960D416	A . WASHER -----	2		
-46	AN960D416L	A . WASHER -----	AR		
-47	AN310-4	A . NUT -----	2		
	MS24665-132	A . PIN-COTTER -----	2		
-48	AN200KS4A	. . BEARING -----	2		
-49	2331510-038	. TUBE ASSEMBLY -----	2		
	2331510-034	. TUBE ASSEMBLY -----	2		
-50	NAS464P4-35	A . BOLT -----	1		
-51	NAS464P4-14	A . BOLT -----	2		
-52	AN960D416	A . WASHER -----	2		
-53	AN960D416	A . WASHER -----	2		
-54	AN310-4	A . NUT -----	1		
-55	AN320-4	A . NUT -----	2		
	MS24665-134	A . PIN-COTTER -----	3		
-56	2331510-028	. . ROD END ASSEMBLY -----	1		
-57	AN200KS4	. . BEARING -----	1		
-58	2331510-031	. . CLEVIS -----	1		
-59	NAS509-6	. . NUT -----	1		
-60	2331510-030	. . ADAPTER -----	1		
	NAS559-2	. . LOCK-ROD END -----	1		
-61	2331510-015	. CHANNEL ASSEMBLY -----	1		
-62	2331510-036	. FAIRLEAD -----	AR		
-63	2315142-004	. BRACKET-ELEVATOR SECONDARY STOP -----	1		
	NAS428H5-14	. BOLT-ADJUSTING -----	2		
	AN316-5R	. NUT -----	2		
-64	2315148-003	. STOP-ELEVATOR SECONDARY -----	1		
-65	SEE FIGURE 81	. BOLT-ELEVATOR SECONDARY STOP -----	REF		
		A 003 THRU 039 EXCEPT A/C MOD PER ECR 233 ECR 277 OR ECR 381			
		B 040 THRU 084 EXCEPT A/C MOD PER ECR 230 OR ECR 227			
		C 085 & ON EXCEPT A/C MOD PER ECR 227			
		D 040 & ON EXCEPT A/C MOD PER ECR 230 OR ECR 227			
		E 003 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381			
		F 003 & ON WHEN MOD PER ECR 233, ECR 230 ECR 227, ECR 277 OR ECR 381			
		G 003 THRU 069 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 277 OR ECR 381			
		H 070 & ON & A/C MOD PER ECR 233, ECR 230, ECR 277 OR ECR 381			
		A---ATTACHING PARTS			

070

069

G  
G  
G  
H  
H

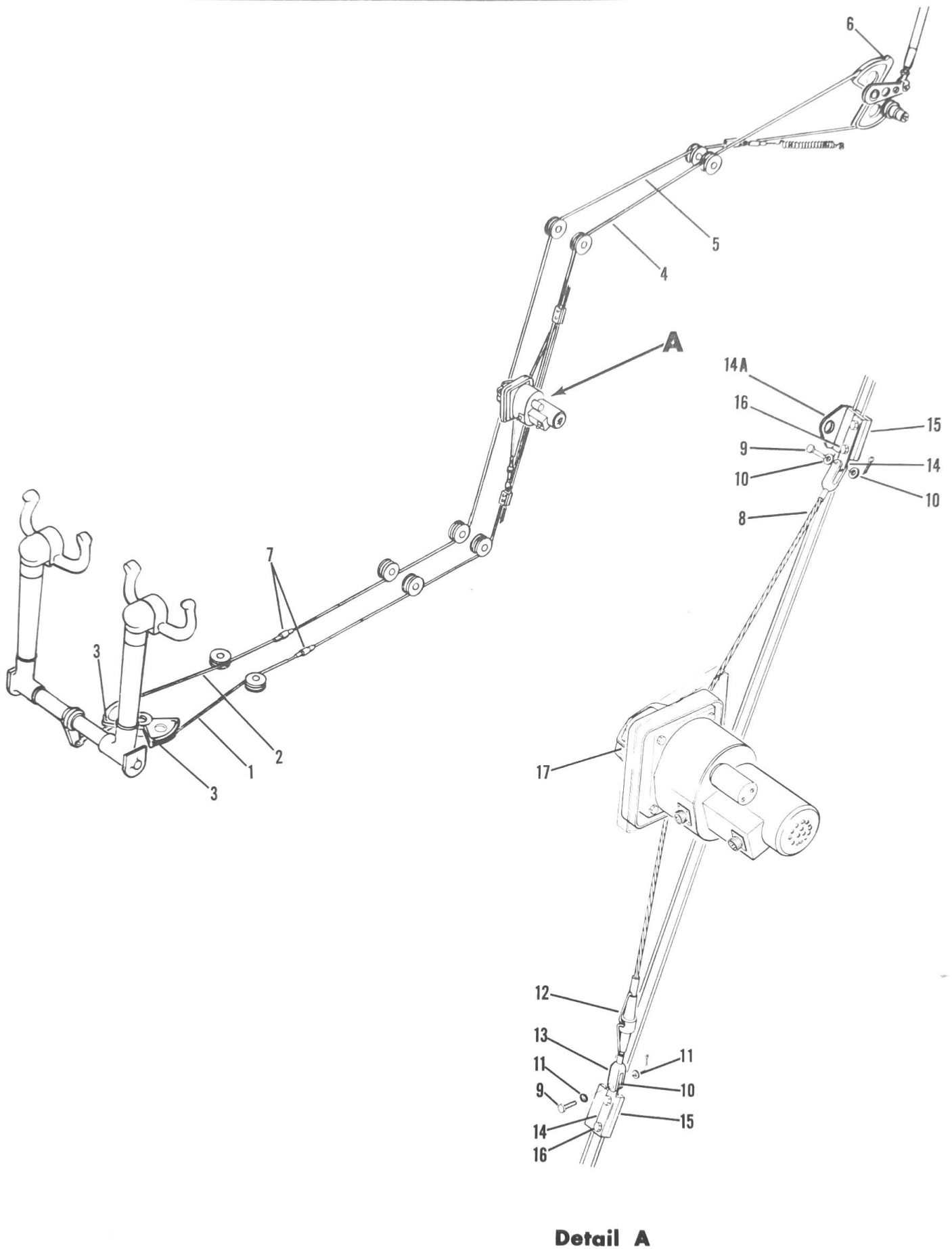


Figure 81. Elevator Control Cables Installation

8-24C  
A8-16C

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
81 -		ELEVATOR CONTROL CABLES INSTALLATION			
-1	2300003-023	. CABLE ASSEMBLY-LH FWD -----	1		069
	2300003-136	. CABLE ASSEMBLY-LH FWD -----	1	070	
-2	2300003-025	. CABLE ASSEMBLY-RH FWD -----	1		069
	2300003-135	. CABLE ASSEMBLY-RH FWD -----	1	070	
-3	AN509-8R13	A . SCREW -----	2		069
	MS21042-08	A . NUT -----	2		069
	NAS428-4-20	A . BOLT-ELEVATOR SECONDARY STOP -----	2	070	
	AN960-416	A . WASHER -----	2	070	
	AN316-4R	A . NUT -----	2	070	
	MS20364-428	A . NUT -----	2	070	
	2315149-001	A . RETAINER-CABLE -----	2	070	
-4	2300003-024	. CABLE ASSEMBLY-LH AFT -----	1		
-5	2300003-026	. CABLE ASSEMBLY-RH AFT -----	1		
-6	NAS561-5-9	A . PIN-SPRING -----	2		069
	AN5-5A	A . BOLT -----	2	070	
	AN960-416	A . WASHER -----	2	070	
	MS20364-428	A . NUT -----	2	070	
	2315149-001	A . RETAINER-CABLE -----	2	070	
-7	NAS649832L	. BARREL-TURNBUCKLE -----	2		
	NAS651-16L	. CLIP-TURNBUCKLE LOCKING -----	4		
		. CABLE INSTALLATION-ELEVATOR AUTOPILOT SERVO -----	1		
-8	2300003-081	. . CABLE ASSEMBLY-SERVO -----	1		003
	2300003-098	. . CABLE ASSEMBLY-SERVO -----	1	005	
-9	MS20392-2C11	A . . PIN-CLEVIS -----	2		
-10	AN960D10L	A . . WASHER -----	3		
-11	AN960D10	A . . WASHER -----	2		
	MS24665-130	A . . PIN-COTTER -----	2		
-12	NAS649816S	. . BARREL-TURNBUCKLE -----	1		003
	NAS64988S	. . BARREL-TURNBUCKLE -----	1	005	
-13	NAS645-16LS	. . FORK-TURNBUCKLE -----	1		003
	NAS645-8LS	. . FORK-TURNBUCKLE -----	1	005	
	NAS651-16S	. . CLIP-TURNBUCKLE LOCKING -----	2		
-14	2300003-084	. . PLATE-CABLE ATTACHMENT -----	2		
-14A	2300003-163	. . ANGLE-AUTOPILOT FOLLOW-UP ATTACH -----	1	A	
-15	2300003-128	. . CLAMP-CABLE -----	4		
-16	AN3-10A	A . . BOLT -----	4		
	AN960D10	A . . WASHER -----	4		
	MS20365-1032	A . . NUT -----	4		
-17	2300003-109	. . INSERT -----	1		
		A 003 & ON WHEN MOD PER SK23-217			
		A---ATTACHING PARTS			

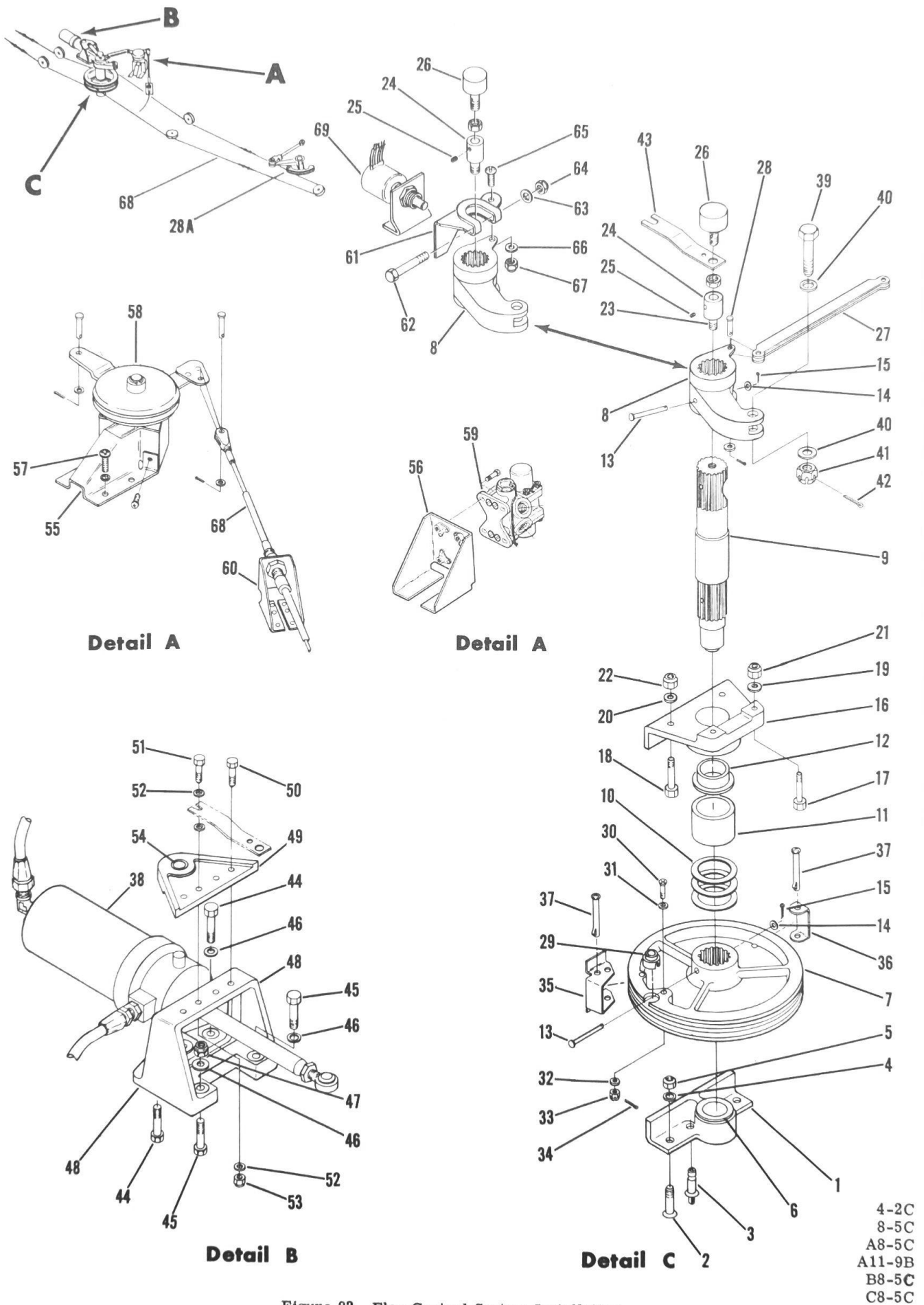


Figure 82. Flap Control System Installation

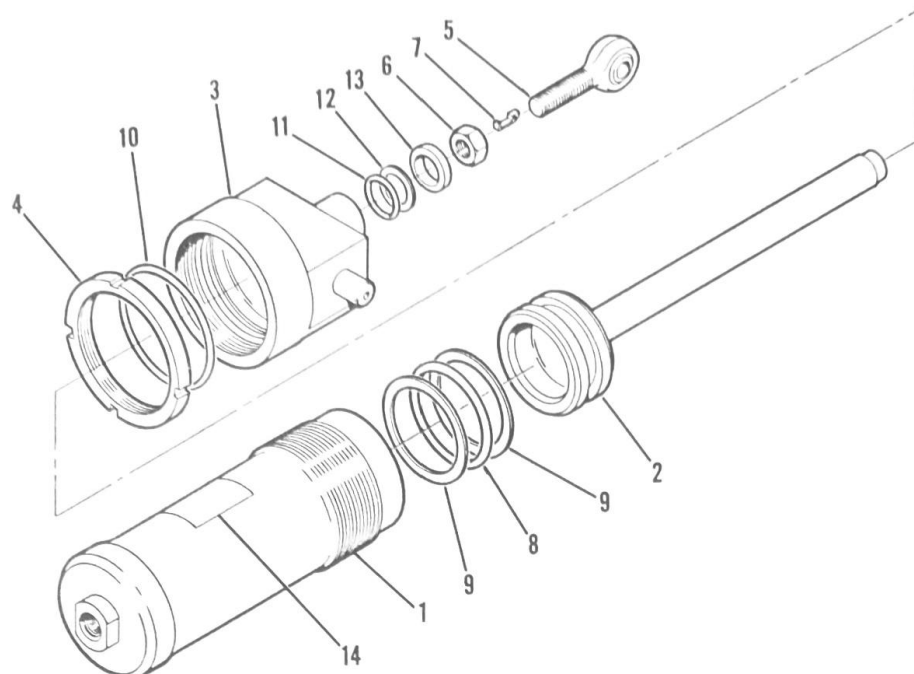
MODEL 23

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
82 -		FLAP CONTROL SYSTEM INSTALLATION	1	A	
-1	2325050-011	. HOUSING-LOWER	2	A	
-2	NAS2805-15	A . BOLT	2	A	
-3	BAG10A15F	A . BOLT	2	A	
-4	AN960D516	A . WASHER	2	A	
-5	MS20365-524	A . NUT	1	A	
-6	DBSF-14-130	. BEARING	1	A	
	2325050-028	. PULLEY ASSEMBLY	1	A	
-7	2325052-001	. . SECTOR	1	A	
-8	2325050-008	. . ARM	1	A	
-9	2325050-009	. . SHAFT	1	A	
-10	6600036-001	. WASHER	1	A	
-11	1396	. BUSHING	1	A	
-12	DBSF-22-013	. BUSHING	1	A	
	AJF22C-101	. BUSHING ALT FOR DBSF-22-013	2	A	
-13	MS20392-1C43	. PIN-CLEVIS	2	A	
-14	AN960D6	. WASHER	2	A	
-15	MS24665-130	. PIN-COTTER	1	B	
-16	2325050-012	. HOUSING-UPPER	1	C	
	2325050-029	. HOUSING-UPPER	2	A	
-17	AN4-13A	A . BOLT	2	A	
-18	NAS464P5A17	A . BOLT	4	A	
-19	AN960D416	A . WASHER	4	A	
-20	AN960D516	A . WASHER	2	A	
-21	MS20365-428	A . NUT	2	A	
-22	MS20365-524	A . NUT	1	A	
-23	GP3H-250X750-12	. PIN-GROOVE	1	A	
-24	2325050-021	. COLLAR	1	A	
-25	NAS1081-08A4	. SCREW-SET	1	A	
-26	2325040-035	. POTENTIOMETER-FLAP POS XMTR MT28	1	D	
-27	2325069-001	. LINK	2	D	
-28	MS20392-2C11	A . PIN-CLEVIS	2	D	
	AN960D10L	A . WASHER	2	D	
	MS24665-130	A . PIN-COTTER	1	A	
-28A	SEE FIGURE 83	. FLAP CONTROL OUTBOARD COMPONENTS INSTL	2	A	
-29	2325052-002	. INSERT-CABLE TERMINAL	2	A	
-30	NAS333CP7	A . BOLT	2	A	
-31	MS20002C4	A . WASHER	2	A	
-32	AN960D10L	A . WASHER	2	A	
-33	AN320-3	A . NUT	2	A	
-34	MS24665-132	A . PIN-COTTER	2	A	
-35	2325040-026	. BRACKET-CABLE GUARD	1	F	
	2325040-044	. BRACKET-CABLE GUARD	1	G	
-36	2325040-025	. BRACKET-CABLE GUARD	1	A	
-37	NAS427K24	. PIN-CABLE GUARD	2	A	
-38	SEE FIGURE 82A	. ACTUATOR ASSEMBLY-FLAP	1	H	
-39	NAS464P6-15	. BOLT	1	H	
-40	AN960D616	. WASHER	2	H	
-41	AN310-6	. NUT	1	H	
-42	MS24665-283	. PIN-COTTER	1	H	
-43	2325050-022	. ARM	1	A	
	2325053-001	. BRACKET ASSEMBLY-SUPPORT HYD CYL			
	2325053-004	WHEN EXHAUSTED USE 2325053-004	1	A	
-44	AN5-10A	. BRACKET ASSY-SUPPORT HYD CYL	1	A	
-45	NAS464P5A17	A . BOLT	2	A	
-46	AN960D516	A . WASHER	2	A	
-47	MS20365-524	A . NUT	5	A	
-48	2325053-002	. . BRACKET	2	A	
-49	2325053-003	. . BRACKET	1	A	
-50	NAS1304-8	A . . BOLT	1	A	
-51	NAS1304-11	A . . BOLT	3	A	
-52	AN960D416	A . . WASHER	1	A	
-53	MS20365-428	A . . NUT	6	A	
-54	DBSF-8-130	. . BEARING	4	A	
-55	2325067-001	. BRACKET ASSEMBLY	2	A	
-56	2325075-001	. BRACKET ASSEMBLY	1	D	
-57	NAS221-11	A . SCREW	1	E	
	AN960D8	A . WASHER	4	D	
-58	SEE FIGURE 94	. VALVE-FLAP CONTROL	4	D	
-59	SEE FIGURE 94	. VALVE-FLAP CONTROL	REF	D	
	NAS1190-3P6N	A . SCREW	REF	D	
	AN3-4A	A . BOLT	4	E	
-60	2325040-034	. PLATE	4	E	
-61	2325040-033	. BRACKET	1	D	
-62	2325076-002	. STRIKER	1	D	
-63	AN4-17A	A . BOLT	1	E	
-64	AN960D416	A . WASHER	1	E	
-65	MS20364-428	A . NUT	1	E	
-66	NAS221-10	A . SCREW	1	E	
	AN960D10L	A . WASHER	1	E	
		CONTINUED	1		
		A---ATTACHING PARTS			

LIMITED EFFECTIVITY Serial Code A



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
82 -67 -68 -69	MS20364-1032 SEE FIGURE 84 1CH1-6	A . NUT ----- . FLAP CONTROL CABLES INSTALLATION ----- . SWITCH-LIMIT      FLAP ACTUATOR -----	1 1 1	E A E	
		A 003 THRU 089 EXCEPT 050A & A/C MOD PER ECR 233, ECR 277, ECR 381, ECR 392 OR ECR 401			
		B 003 ONLY EXCEPT WHEN MOD PER ECR 233 OR ECR 392			
		C 004 THRU 089 EXCEPT 050A & A/C MOD PER ECR 233, ECR 277, ECR 381, ECR 392 OR ECR 401			
		D 003 THRU 029 EXCEPT A/C MOD PER ECR 233 ECR 277, ECR 381 OR ECR 392			
		E 030 THRU 089 EXCEPT 050A & A/C MOD PER ECR 233, ECR 392 OR ECR 401			
		F 003 THRU 034 EXCEPT A/C MOD PER ECR 233 ECR 277, ECR 381 OR ECR 392			
		G 035 THRU 089 EXCEPT 050A & A/C MOD PER ECR 233, ECR 392 OR ECR 401			
		H 003 THRU 089 EXCEPT 050A & A/C MOD PER ECR 233, ECR 277, ECR 381, ECR 392, ECR 401, OR A/C MOD PER AMK73-5B			
		A---ATTACHING PARTS			



11-23C

Figure 82A. Flap Actuator Assembly

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
82A-	6600021-001	FLAP ACTUATOR ASSEMBLY • ACTUATOR ASSEMBLY-FLAP FOR SPARE ASSY USE SA-102-1 PER SPEC CONTROL DWG 6600021-002	1	C	
	6600021-002	• ACTUATOR ASSEMBLY-FLAP USE VENDOR ASSEMBLY NO SA-102-1		A	
	SA-102-1	• ACTUATOR ASSEMBLY-FLAP REF SPEC CONTROL DWG 6600021-002	1	B	
-1	SKD1000-1	• • BODY-CYLINDER	1	B	
-2	SKD1001-1	• • PISTON	1	B	
-3	SKD1003	• • END-GLAND	1	B	
-4	SD1002	• • NUT-SPANNER	1	B	
-5	DREMHD5-6	• • ROD END	1	B	
-6	NAS509-7	• • NUT	1	B	
-7	NAS559-7	• • KEY-LOCK	1	B	
	2392501-001	• • KIT-FLAP ACTUATOR REPAIR	1	B	
	2392501-002	• • KIT-FLAP ACTUATOR REPAIR	1	A	
-8	MS28775-327	• • • PACKING-O RING	1	D	
-9	MS28774-327	• • • RING-BACK UP	2	E	
	MS28782-30	• • • RING-BACK UP	2	F	
-10	MS28775-141	• • • PACKING-O RING	1	E	
	MS28775-229	• • • PACKING-O RING	1	F	
-11	MS28775-114	• • • PACKING-O RING	1	D	
-12	MS28774-114	• • • RING-BACK UP	1	E	
	MS28782-12	• • • RING-BACK UP	2	F	
-13	MS28932C2 3/8	• • • WIPER-FELT	1	E	
	A2238	• • • WIPER-FELT	1	F	
-14	SKD1170-5	• • • PLATE-IDENTIFICATION	1	B	
	A	003 THRU 010 EXCEPT A/C MOD PER ECR 233 OR ECR 392 & EXCEPT A/C MOD PER AMK73-5			
	B	011 THRU 089 EXCEPT 050A & A/C MOD PER ECR 233, ECR 277, ECR 381, ECR 392 OR ECR 401 & EXCEPT A/C MOD PER AMK73-5			
	C	003 THRU 089 EXCEPT 050A & A/C MOD PER ECR 233, ECR 277, ECR 381, ECR 392 OR ECR 401 & EXCEPT A/C MOD PER AMK73-5			
	D	COMPONENT OF 2392501-001 & 2392501-002 FLAP ACTUATOR REPAIR KITS			
	E	COMPONENT OF 2392501-001 FLAP ACTUATOR REPAIR KIT			
	F	COMPONENT OF 2392501-002 FLAP ACTUATOR REPAIR KIT			
	A---	ATTACHING PARTS			

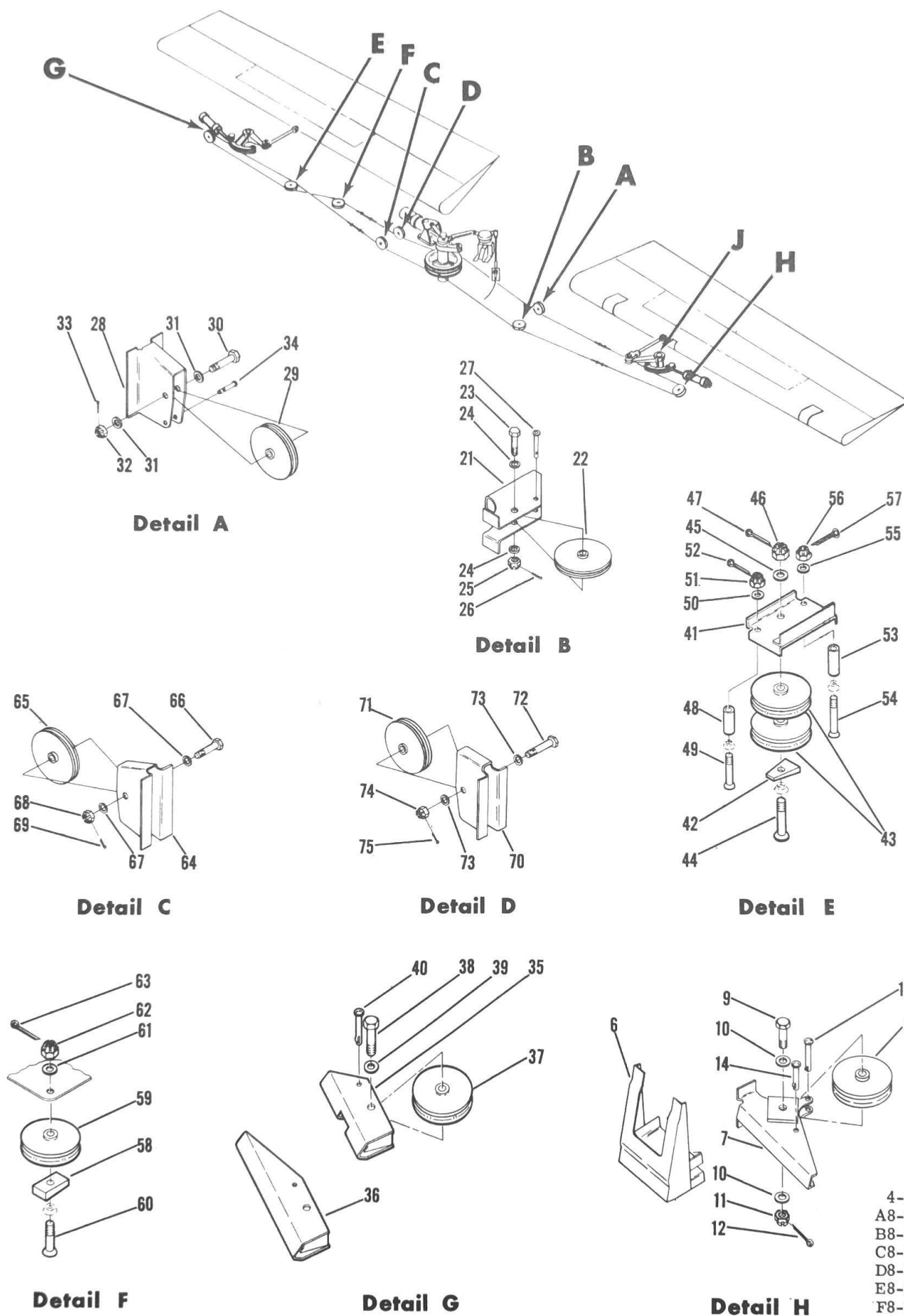
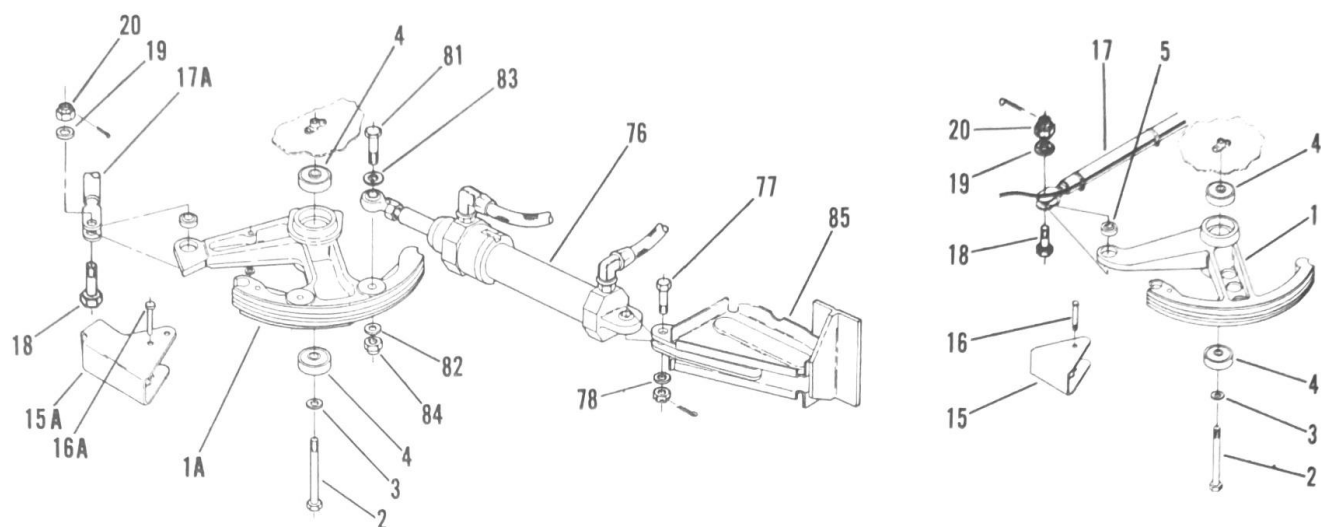


Figure 83. Flap Control Outboard Components Installation (Sheet 1 of 2)



Detail J

J8-17C  
J8-6C-1

Figure 83. Flap Control Outboard Components Installation (Sheet 2 of 2)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
83 -		FLAP CONTROL OUTBOARD COMPONENTS INSTL			A
-1	2325051-001	• SECTOR ASSY LH WHEN EXHAUSTED			
		USE 2325077-019	1	K	
	2325051-002	• SECTOR ASSY RH WHEN EXHAUSTED			
		USE 2325077-020	1	K	
-1A	2325077-019	• SECTOR ASSY LH	1	L	
	2325077-020	• SECTOR ASSY RH	1	L	
-2	NAS1305-42H	A • BOLT	1	A	
-3	AN960D516	A • WASHER	1	A	
-4	AN200KP5	• • BEARING	2	A	
	NAS43DD5-79	• • SPACER	1	M	
-5	MS21233-5	• • BEARING	1	A	
	BLFN-5	• • BEARING ALT FOR MS21233-5	1	A	
	BLFN-5-100	• • BEARING ALT FOR MS21233-5	1	A	
	KSBG-5N	• • BEARING ALT FOR MS21233-5	1	A	
	LHSSV-5	• • BEARING ALT FOR MS21233-5	1	A	
	RSST-5	• • BEARING ALT FOR MS21233-5	1	A	
	ABT-5	• • BEARING ALT FOR MS21233-5	1	A	
-6	2325040-004	• BRACKET ASSEMBLY	1	B	
-7	2325040-040	• BRACKET ASSEMBLY	1	C	
	NAS464P4A5	A • BOLT	2	A	
	AN960-416L	A • WASHER	2	A	
	MS21042-4	A • NUT	2	A	
-8	MS20221-1	• PULLEY	1	A	
-9	AN5-13	A • BOLT	1	A	
-10	AN960D516	A • WASHER	2	A	
-11	AN310-5	A • NUT	1	A	
-12	MS24665-134	A • PIN COTTER	1	A	
-13	NAS427K12	• PIN-CABLE GUARD	1	A	
-14	NAS427K14	• PIN-CABLE GUARD	1	C	
-15	2325040-011	• BRACKET ASSEMBLY-CABLE GUARD	2	N	
	2325040-047	• BRACKET ASSEMBLY-CABLE GUARD LH	1	P	
	2325040-052	• BRACKET ASSEMBLY-CABLE GUARD RH	1	P	
	2325080-032	• BRACKET ASSEMBLY-CABLE GUARD	2	L	
-15A	NAS427K21	• PIN-CABLE GUARD	1	K	
-16	NAS427K40	• PIN-CABLE GUARD	2	L	
-16A	2325050-033	• PUSH ROD ASSEMBLY-FLAP	2	D	
-17	2325050-036	• PUSH ROD ASSEMBLY-FLAP	2	E	
	2325050-039	• PUSH ROD ASSEMBLY-FLAP	2	L	
-17A	NAS464P5-10	A • BOLT	1	A	
-18	AN960D516	A • WASHER	1	A	
-19	AN320-5	A • NUT	1	A	
-20	MS24665-134	A • PIN-COTTER	1	A	
-21	2325040-015	• BRACKET-PULLEY	1	A	
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				1 2 3 4 5 6 7	THRU
83 -22	MS20221-1	• PULLEY -----	1		A
-23	AN5-12	A • BOLT -----	1		A
-24	AN960D516	A • WASHER -----	2		A
-25	AN310-5	A • NUT -----	1		A
-26	MS24665-134	A • PIN-COTTER -----	1		A
-27	NAS427K12	• PIN-CABLE GUARD -----	1		A
-28	2325040-031	• BRACKET -----	1		A
-29	MS20221-1	• PULLEY -----	1		A
-30	AN5-12	A • BOLT -----	1		A
-31	AN960D516	A • WASHER -----	2		A
-32	AN310-5	A • NUT -----	1		A
-33	MS24665-134	A • PIN-COTTER -----	1		A
-34	NAS427K12	• PIN-CABLE GUARD -----	1		A
-35	2325040-017	• BRACKET ASSEMBLY -----	1		B
-36	2325040-043	• BRACKET ASSEMBLY -----	1		C
-37	MS20221-1	• PULLEY -----	1		A
-38	AN5H13A	A • BOLT -----	1		A
-39	AN960D516	A • WASHER -----	1		A
-40	NAS427K17	• PIN-CABLE GUARD -----	1		A
-41	2325040-019	• BRACKET ASSEMBLY -----	1		A
	NAS464P3A4	A • BOLT -----	2		F
	AN960-10	A • WASHER -----	2		F
	MS21042-3	A • NUT -----	2		F
-42	2325040-028	• FILLER -----	1		G
	2325040-050	• FILLER -----	1		F
-43	MS20221-1	• PULLEY -----	2		A
-44	NAS335P21	A • BOLT -----	1		A
-45	AN960D516	A • WASHER -----	1		A
-46	AN310-5	A • NUT -----	1		A
-47	MS24665-134	A • PIN-COTTER -----	1		A
-48	2325040-029	• SPACER -----	1		H
	2325040-049	• SPACER -----	1		J
-49	NAS333P17	A • BOLT -----	1		A
-50	AN960D10	A • WASHER -----	1		A
-51	AN310-3	A • NUT -----	1		A
-52	MS24665-132	A • PIN-COTTER -----	1		A
-53	2325040-030	• SPACER -----	1		H
	2325040-048	• SPACER -----	1		J
-54	NAS335P21	A • BOLT -----	1		A
-55	AN960D516	A • WASHER -----	1		A
-56	AN310-5	A • NUT -----	1		A
-57	MS24665-134	A • PIN-COTTER -----	1		A
-58	2325040-022	• SPACER -----	1		A
-59	MS20221-1	• PULLEY -----	1		A
-60	NAS335P14-5	A • BOLT -----	1		A
-61	AN960D516	A • WASHER -----	1		A
-62	AN310-5	A • NUT -----	1		A
-63	MS24665-134	A • PIN-COTTER -----	1		A
-64	2325040-024	• BRACKET -----	1		A
-65	MS20221-1	• PULLEY -----	1		A
-66	AN5-12	A • BOLT -----	1		A
-67	AN960D516	A • WASHER -----	2		A
-68	AN310-5	A • NUT -----	1		A
-69	MS24665-134	A • PIN-COTTER -----	1		A
-70	2325040-023	• BRACKET -----	1		A
-71	MS20221-1	• PULLEY -----	1		A
-72	AN5-12	A • BOLT -----	1		A
-73	AN960D516	A • WASHER -----	2		A
-74	AN310-5	A • NUT -----	1		A
-75	MS24665-134	A • PIN-COTTER -----	1		A
-76	SEE FIGURE 85A	• ACTUATOR ASSY-FLAP -----	2		L
-77	NAS464P4-11	A • BOLT -----	2		L
-78	AN960D416	A • WASHER -----	4		L
-79	AN320-4	A • NUT -----	2		L
-80	MS24665-132	A • PIN-COTTER -----	2		L
-81	NAS464P6-28	A • BOLT -----	2		L
-82	AN960D616L	A • WASHER -----	2		L
-83	2327000-032	A • WASHER -----	2		L
-84	AN320-6	A • NUT -----	2		L
	MS24665-283	A • PIN-COTTER -----	2		L
-85	2325079-003	• SUPPORT ASSY-LH FLAP ACTUATOR -----	1		L
	2325079-004	• SUPPORT ASSY-RH FLAP ACTUATOR -----	1		L
	A	003 THRU 089 EXCEPT 050A & A/C MOD PER ECR 233, ECR 277, ECR 381, ECR 392 OR ECR 401			
	B	003 THRU 039 EXCEPT A/C MOD PER ECR 233 ECR 277, ECR 381, ECR 392 OR ECR 401			
	C	040 THRU 089 EXCEPT 050A			
	D	003 THRU 058 EXCEPT 050A & A/C MOD PER CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
83 -		ECR 233, ECR 277, ECR 381, ECR 392 OR ECR 401 & EXCEPT A/C MOD PER AMK73-5 059 THRU 089 EXCEPT A/C MOD PER AMK73-5 070 THRU 089 003 THRU 069 EXCEPT 050A & A/C MOD PER ECR 233, ECR 277, ECR 381, ECR 392 OR ECR 401 003 THRU 071 EXCEPT 050A & A/C MOD PER ECR 233, ECR 277, ECR 381, ECR 392 OR ECR 401 072 THRU 089 003 THRU 089 EXCEPT 050A & A/C MOD PER ECR 233, ECR 277, ECR 381, ECR 392 OR ECR 401 & EXCEPT A/C MOD PER AMK73-5 003 THRU 089 WHEN MOD PER AMK73-5 EXCEPT 050A & A/C MOD PER ECR 233, ECR 277, ECR 381, ECR 392 OR ECR 401 COMPONENT OF 2325077-019 & -020 SECTOR ASSY 003 THRU 039 EXCEPT A/C MOD PER ECR 233 ECR 277, ECR 381, ECR 392 OR ECR 401 & EXCEPT A/C MOD PER AMK73-5 040 THRU 089 EXCEPT 050A & EXCEPT A/C MOD PER AMK73-5  A---ATTACHING PARTS			

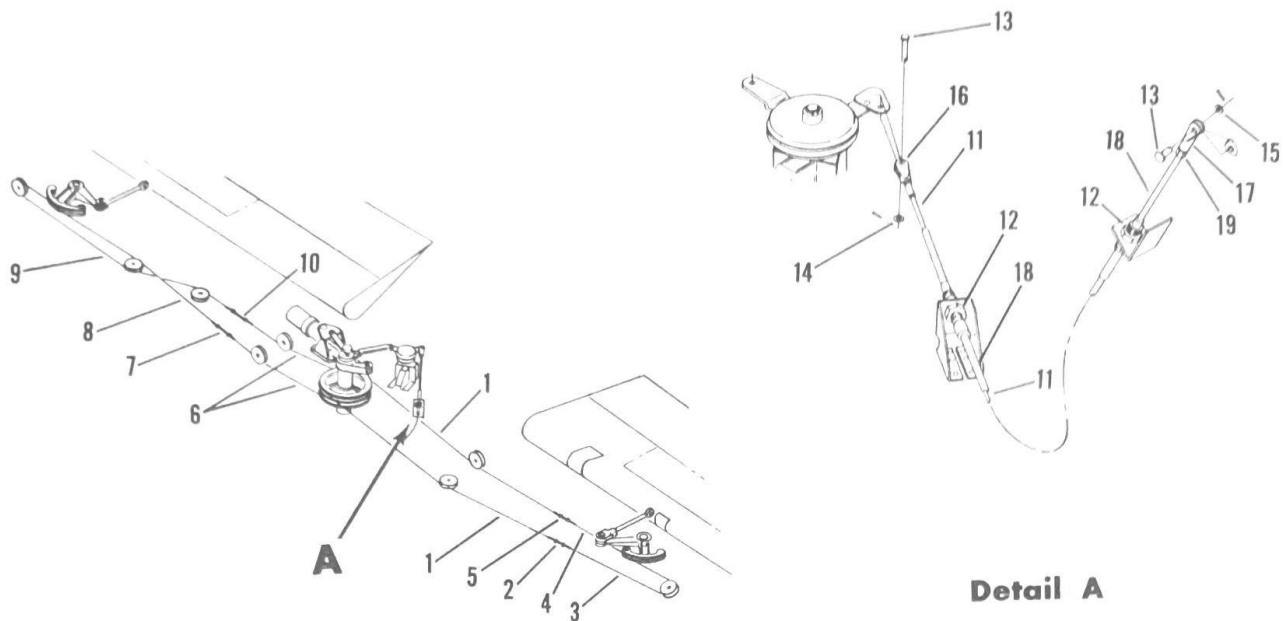


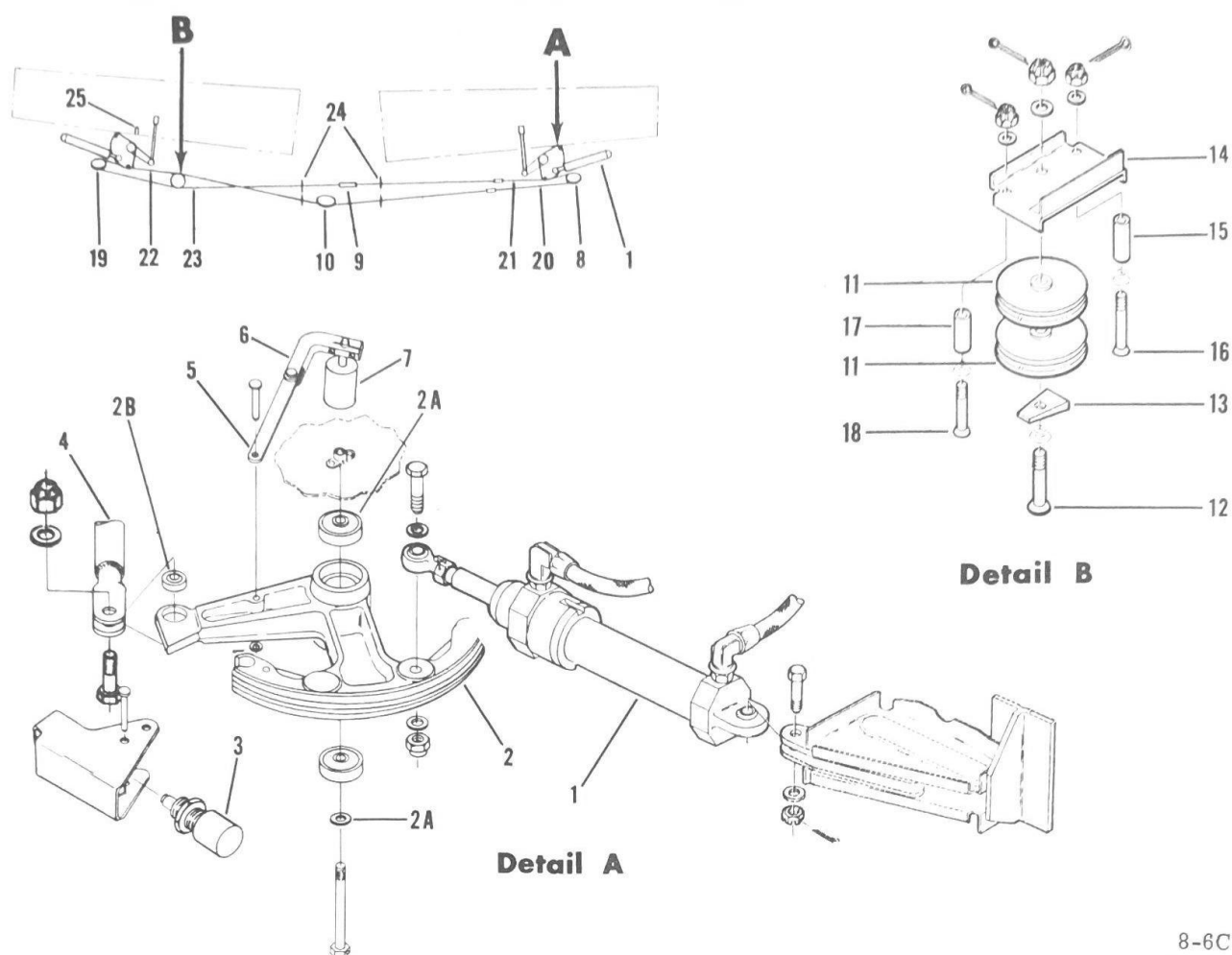
Figure 84. Flap Control Cables Installation

4-2C  
A8-5C

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				1 2 3 4 5 6 7	THRU
84 -		FLAP CONTROL CABLES INSTALLATION			
-1	2300003-007	• CABLE ASSEMBLY -----	1		A
-2	NAS649846S	• BARREL-TURNBUCKLE -----	1		A
	2300003-368-1	• BARREL-TURNBUCKLE -----	1		B
	NAS649846S	• BARREL-TURNBUCKLE -----	1		C
	NAS649846L	• BARREL-TURNBUCKLE -----	1		D
	2300003-414-1	• BARREL-TURNBUCKLE -----	1		E
	NAS649846S	• BARREL-TURNBUCKLE -----	1		F
	2300003-414-1	• BARREL-TURNBUCKLE -----	1		G
	NAS649846S	• BARREL-TURNBUCKLE -----	1		H
	NAS651-16S	• CLIP-TURNBUCKLE LOCKING -----	1		J
	NAS651-16L	• CLIP-TURNBUCKLE LOCKING -----	2		K
	NAS651-16S	• CLIP-TURNBUCKLE LOCKING -----	2		E
	NAS651-16S	• CLIP-TURNBUCKLE LOCKING -----	2		G
-3	2300003-073	• CABLE ASSEMBLY -----	2		J
-4	2300003-075	• CABLE ASSEMBLY -----	1		A
-5	NAS649846S	• BARREL-TURNBUCKLE -----	1		A
	2300003-380-1	• BARREL-TURNBUCKLE -----	1		L
	NAS649846S	• BARREL-TURNBUCKLE -----	1		M
	NAS651-16S	• CLIP-TURNBUCKLE LOCKING -----	1		N
	NAS651-16S	• CLIP-TURNBUCKLE LOCKING -----	2		L
-6	2300003-008	• CABLE ASSEMBLY -----	2		N
-7	NAS649846S	• BARREL-TURNBUCKLE -----	1		A
	NAS651-16S	• CLIP-TURNBUCKLE LOCKING -----	1		A
-8	2300003-074	• CABLE ASSEMBLY -----	2		A
	2300003-113	• CABLE ASSEMBLY -----	1		P
-9	2300003-076	• CABLE ASSEMBLY -----	1		Q
-10	NAS649846S	• BARREL-TURNBUCKLE -----	1		A
	2300003-380-1	• BARREL-TURNBUCKLE -----	1		L
	NAS649846L	• BARREL-TURNBUCKLE -----	1		M
	2300003-414-1	• BARREL-TURNBUCKLE -----	1		E
	NAS649846S	• BARREL-TURNBUCKLE -----	1		R
	2300003-414-1	• BARREL-TURNBUCKLE -----	1		S
	NAS649846S	• BARREL-TURNBUCKLE -----	1		T
	2300003-414-1	• BARREL-TURNBUCKLE -----	1		U
	NAS649846S	• BARREL-TURNBUCKLE -----	1		H
	NAS651-16S	• CLIP-TURNBUCKLE LOCKING -----	1		J
	NAS651-16L	• CLIP-TURNBUCKLE LOCKING -----	2		L
	NAS651-16S	• CLIP-TURNBUCKLE LOCKING -----	2		E
	NAS651-16S	• CLIP-TURNBUCKLE LOCKING -----	2		S
	NAS651-16S	• CLIP-TURNBUCKLE LOCKING -----	2		U
	NAS651-16S	• CLIP-TURNBUCKLE LOCKING -----	2		J
		CONTINUED			
		A---ATTACHING PARTS			



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
84 -11	2300003-093	. CABLE ASSEMBLY-FLAP CONTROL -----	1	V	
-12	NAS509-7	A . NUT -----	4	V	
	AN960D716	A . WASHER -----	2	V	
-13	MS20392-2C15	A . PIN-CLEVIS -----	2	V	
-14	AN960D10L	A . WASHER -----	3	V	
-15	AN960D10	A . WASHER -----	1	V	
	MS24665-130	A . PIN-COTTER -----	1	V	
	MS24665-208	A . PIN-COTTER -----	1	V	
-16	2315143-001	. . CLEVIS -----	1	V	
-17	RA-13-187-1	. . YOKE -----	1	V	
-18	40959-1	. . CABLE ASSEMBLY -----	1	V	
-19	AN315-3R	. . NUT -----	2	V	
		A 003 THRU 089 EXCEPT 050A & A/C MOD PER ECR 233, ECR 277, ECR 381, ECR 392 OR ECR 401			
		B 003 THRU 006 EXCEPT A/C MOD PER ECR 233 OR ECR 392			
		C 007 ONLY EXCEPT WHEN MOD PER ECR 233 OR ECR 392			
		D 008 THRU 012 EXCEPT A/C MOD PER ECR 233 OR ECR 392			
		E 013 ONLY EXCEPT WHEN MOD PER ECR 233 OR ECR 392			
		F 014 THRU 019 EXCEPT A/C MOD PER ECR 233 ECR 277, ECR 381 OR ECR 392			
		G 020 THRU 021 EXCEPT A/C MOD PER ECR 233 OR ECR 392			
		H 022 THRU 032 EXCEPT A/C MOD PER ECR 233 OR ECR 392			
		J 033 THRU 089 EXCEPT 050A & A/C MOD PER ECR 233, ECR 392 OR ECR 401			
		K 003 THRU 006 & 008 THRU 012 EXCEPT A/C MOD PER ECR 233 OR ECR 392			
		L 003 THRU 010 EXCEPT A/C MOD PER ECR 233 OR ECR 392			
		M 011 THRU 012 EXCEPT A/C MOD PER ECR 233 OR ECR 392			
		N 013 THRU 089 EXCEPT 050A & A/C MOD PER ECR 233, ECR 277, ECR 381, ECR 392 OR ECR 401			
		P 003 THRU 005 EXCEPT A/C MOD PER ECR 233 OR ECR 392			
		Q 006 THRU 089 EXCEPT 050A & A/C MOD PER ECR 233, ECR 277, ECR 381, ECR 392 OR ECR 401			
		R 014 THRU 016 EXCEPT A/C MOD PER ECR 233 ECR 277 OR ECR 392			
		S 017 ONLY EXCEPT WHEN MOD PER ECR 233 OR ECR 392			
		T 018 THRU 019 EXCEPT A/C MOD PER ECR 233 ECR 381 OR ECR 392			
		U 020 ONLY EXCEPT WHEN MOD PER ECR 233 OR ECR 392			
		V 003 THRU 029 EXCEPT A/C MOD PER ECR 233 ECR 277, ECR 381 OR ECR 392			
		A---ATTACHING PARTS			



Detail B

Detail A

8-6C  
A8-6C-1  
B8-33C

Figure 85. Flap Dual Actuator Control System Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
85 -		1 2 3 4 5 6 7			
-1	SEE FIGURE 85A	FLAP DUAL ACTUATOR CONTROL SYSTEM INSTL			
	NAS464P4-11	• ACTUATOR ASSEMBLY-FLAP -----	2	A	
	AN960D416	A • BOLT-OUTBOARD END -----	2	A	
	AN320-4	A • WASHER-OUTBOARD END -----	4	A	
	MS24665-132	A • NUT OUTBOARD END -----	2	A	
	NAS464P6-28	A • PIN-COTTER OUTBOARD END -----	2	A	
	AN960D616L	A • BOLT-INBOARD END -----	2	A	
	2327000-032	A • WASHER-INBOARD END -----	2	A	
	AN320-6	A • WASHER-INBOARD END UNDER BOLT HD -----	1	A	
	MS24665-283	A • NUT-INBOARD END -----	2	A	
	2325079-003	A • PIN-COTTER INBOARD END -----	2	A	
	2325079-004	• SUPPORT ASSEMBLY-LH FLAP ACTUATOR -----	1	A	
	2325077-001	• SUPPORT ASSEMBLY-RH FLAP ACTUATOR -----	1	A	
-2		• SECTOR ASSY-LH WHEN EXHAUSTED USE -----	1	A	
	2325077-007	2325077-007 -----	1	A	
		• SECTOR ASSY-LH ALT FOR 2325077-001 -----	1	A	
	2325077-019	WHEN EXHAUSTED USE 2325077-019 -----	1	A	
	2325077-002	• SECTOR ASSY-LH -----	1	A	
		• SECTOR ASSY-RH WHEN EXHAUSTED USE -----	1	A	
	2325077-020	2325077-020 -----	1	A	
	NAS1305-42H	• SECTOR ASSY-RH -----	1	A	
	AN960D516	A • BOLT -----	1	A	
-2A	AN200KP5	A • WASHER -----	1	A	
-2B	MS21233-5	• BEARING -----	1	A	
	RSST-5	• BEARING -----	2	A	
	LHSSV-5	• BEARING -----	1	A	
	KSBG-5N	• BEARING ALT FOR MS21233-5 -----	1	A	
	BLFN-5	• BEARING ALT FOR MS21233-5 -----	1	A	
	BLFN-5-100	• BEARING ALT FOR MS21233-5 -----	1	A	
	ABT-5	• BEARING ALT FOR MS21233-5 -----	1	A	
		CONTINUED	1	A	
		A---ATTACHING PARTS			

LIMITED EFFECTIVITY Serial Code A

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
85 -3	ICH1-6	. SWITCH-MICRO LIMIT FLAP ACTUATOR LSW29 -----	1	A	
-4	2325050-033	. ROD-PUSH FLAP CONTROL WHEN EXHAUSTED USE 2325050-039 -----	2	A	
	2325050-039	. ROD-PUSH -----	2	A	
	NAS464P5-10	A . BOLT -----	2	A	
	AN960D516	A . WASHER -----	2	A	
	AN320-5	A . NUT -----	2	A	
	MS24665-134	A . PIN-COTTER -----	2	A	
	SEE FIGURE 5	A . ATTACHING PARTS-FLAP -----	REF	A	
-5	2325080-006	. LINK-POTENTIOMETER LH ONLY -----	1	A	
	MS20392-1C37	A . PIN-CLEVIS -----	1	A	
	AN960D8	A . WASHER -----	1	A	
	MS24665-132	A . PIN-COTTER -----	1	A	
-6	2325080-007	. ARM LH ONLY -----	1	A	
	MS20392-1C11	A . PIN-CLEVIS -----	1	A	
	AN960D8	A . WASHER -----	1	A	
	MS24665-132	A . PIN-COTTER -----	1	A	
	AN500A8-8	. SCREW -----	2	A	
-7	2325080-010	. POTENTIOMETER-FLAP POSITION LH ONLY WHEN EXHAUSTED USE 2325080-025 -----	1	A	
	2325080-025	. POTENTIOMETER-FLAP POSITION LH ONLY -----	1	B	
	2325080-009	. ANGLE LH ONLY -----	1	A	
-8	NAS221-11	A . SCREW -----	2	A	
	MS20221A1	. PULLEY-OUTBOARD LH -----	1	A	
	NAS464P5-15	A . BOLT -----	1	A	
	AN960D516	A . WASHER -----	2	A	
	AN310-5	A . NUT -----	1	A	
	MS24665-134	A . PIN-COTTER -----	1	A	
	2325080-011	. BRACKET ASSEMBLY-PULLEY OUTBD LH -----	1	A	
	2325080-012	. BRACKET -----	1	A	
	2325080-013	. GUARD-CABLE -----	1	A	
	NAS427K14	. PIN-CABLE GUARD -----	1	A	
-9	MS20221A1	. PULLEY-CENTER SECTION LH -----	1	A	
	NAS464P5-17	A . BOLT -----	1	A	
	AN960D516L	A . WASHER -----	2	A	
	AN320-5	A . NUT -----	1	A	
	MS24665-134	A . PIN-COTTER -----	1	A	
	2325080-020	. ANGLE-PULLEY CENTER SECTION LH -----	1	A	
	2325080-021	. PLATE-PULLEY CENTER SECTION LH -----	2	A	
-10	MS20221A1	. PULLEY-CENTER SECTION RH -----	1	A	
	NAS464P5-12	A . BOLT -----	1	A	
	AN960D516L	A . WASHER -----	2	A	
	AN320-5	A . NUT -----	1	A	
	MS24665-134	A . PIN-COTTER -----	1	A	
	2325080-019	. BRACKET-PULLEY CENTER SECTION RH -----	1	A	
	NAS427K12	. PIN-CABLE GUARD -----	1	A	
	MS20221A1	. PULLEY-INBOARD RH -----	2	A	
-11	NAS335P20	A . BOLT -----	1	A	
-12	AN960D516	A . WASHER -----	1	A	
	AN310-5	A . NUT -----	1	A	
	MS24665-134	A . PIN-COTTER -----	1	A	
-13	2325040-050	. FILLER -----	1	A	
-14	2325040-019	. BRACKET ASSY WHEN EXHAUSTED USE 2325040-057 -----	1	A	
	2325040-057	. BRACKET ASSY -----	1	A	
-15	2325080-017	. SPACER -----	1	A	
-16	NAS333P21	A . BOLT -----	1	A	
	AN960D10	A . WASHER -----	1	A	
	AN310-3	A . NUT -----	1	A	
	MS24665-132	A . PIN-COTTER -----	1	A	
-17	2325080-016	. SPACER -----	1	A	
-18	NAS333P17	A . BOLT -----	1	A	
	AN960D10	A . WASHER -----	1	A	
	AN310-3	A . NUT -----	1	A	
	MS24665-132	A . PIN-COTTER -----	1	A	
-19	MS20221A1	. PULLEY-OUTBOARD RH -----	1	A	
	NAS1305-17H	A . BOLT -----	1	A	
	AN960D516	A . WASHER -----	1	A	
	2325080-014	. BRACKET ASSEMBLY-OUTBOARD RH -----	1	A	
	2325080-015	. GUARD -----	1	A	
	2325068-001	. CLIP -----	1	A	
	2325068-002	. SPACER -----	1	A	
	NAS427K17	. PIN-CABLE GUARD -----	1	A	
-20	2300003-155	. CABLE ASSEMBLY LH FWD -----	1	A	
-21	2300003-156	. CABLE ASSEMBLY LH AFT -----	1	A	
-22	2300003-151	. CABLE ASSEMBLY RH AFT -----	1	A	
-23	2300003-152	. CABLE ASSEMBLY RH FWD -----	1	A	
	NAS6498465	. CONNECTING PARTS -----	2	A	
	NAS651-165	. BARREL-TURNBUCKLE -----	4	A	
		. CLIP-TURNBUCKLE LOCKING -----			
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
85 -24 -25	2322290-052 10AT14	1 2 3 4 5 6 7			
		<ul style="list-style-type: none"> <li>• FAIRLEAD-CABLE -----</li> <li>• SWITCH-LIMIT      AURAL WARNING</li> <li>LSW39 -----</li> </ul>	4	A	
			1	A	
		A    050A & 090 & ON & A/C MOD PER ECR 233 ECR 277, ECR 381, ECR 392 OR ECR 401			
		B    SPARE FOR 2325080-010			
		A---ATTACHING PARTS			

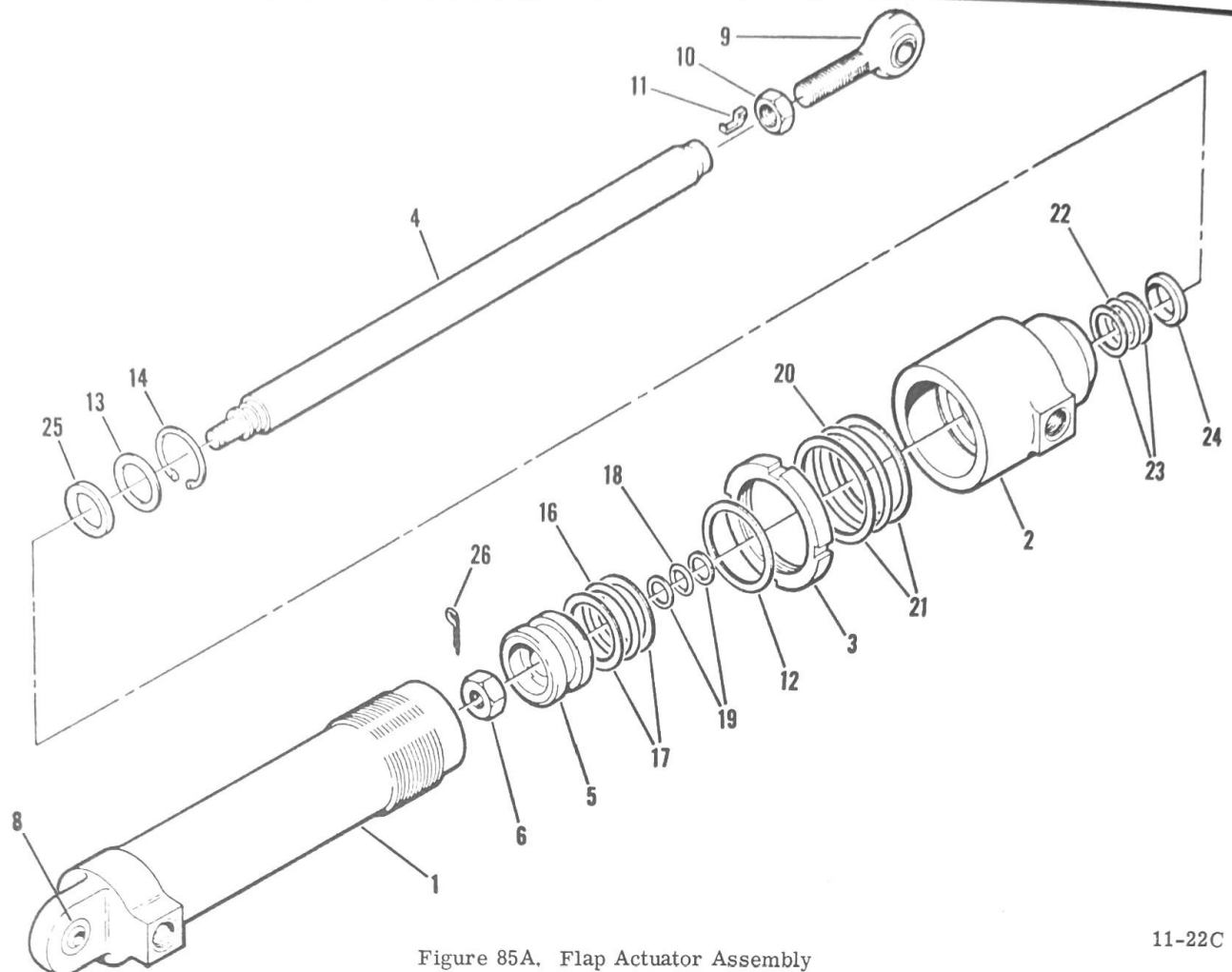
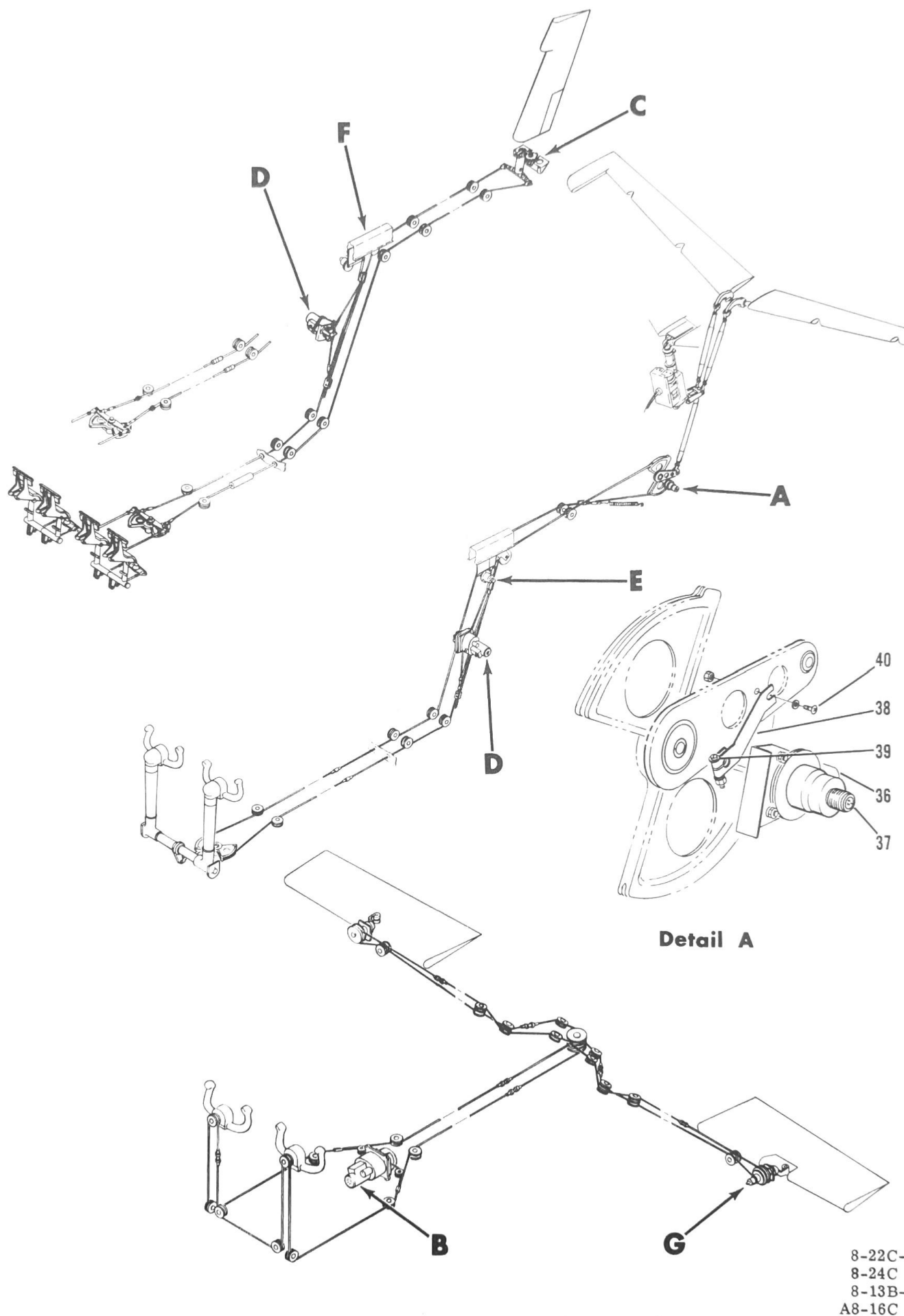


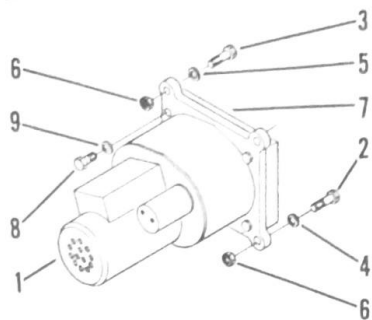
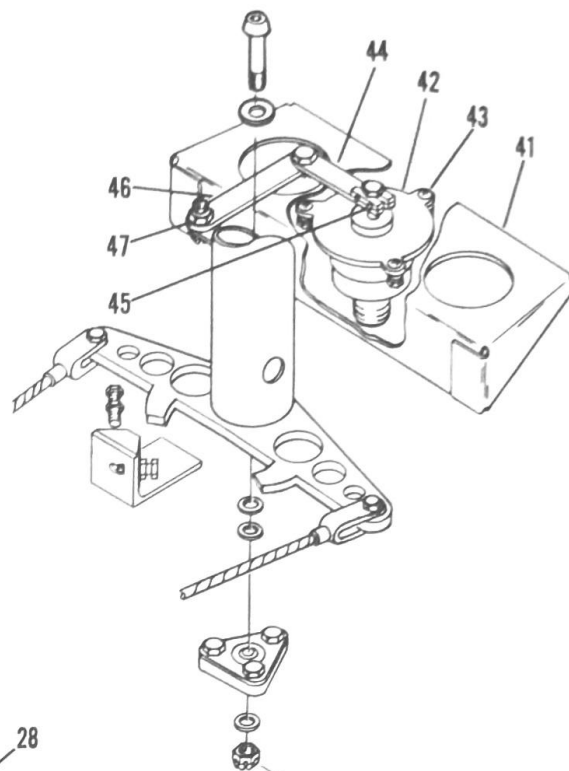
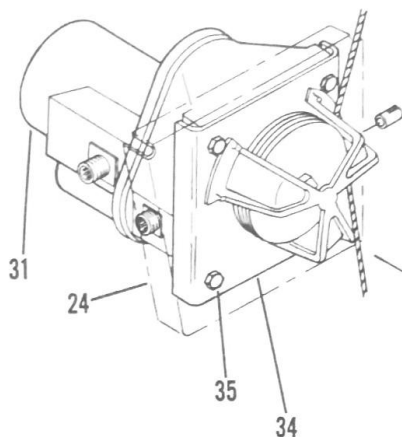
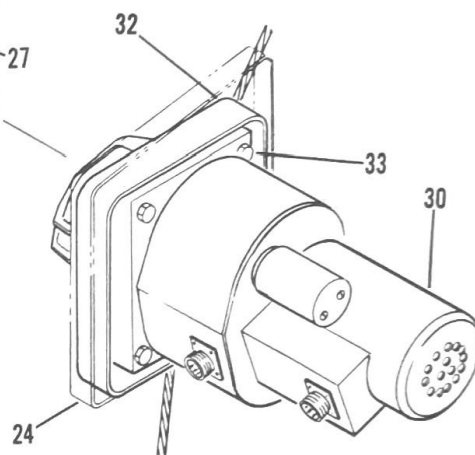
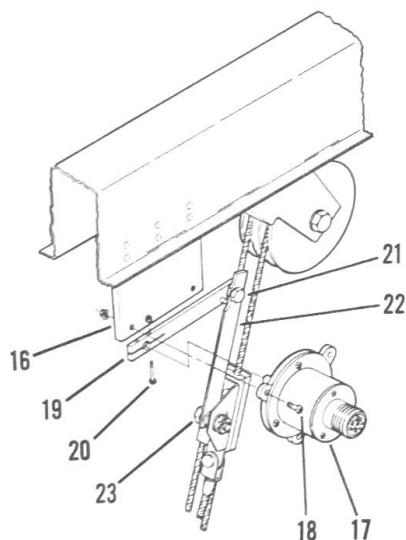
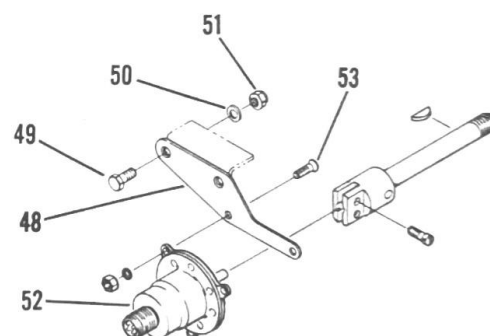
Figure 85A, Flap Actuator Assembly

11-22C

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				1 2 3 4 5 6 7	THRU
85A-	6600086-001	FLAP ACTUATOR ASSEMBLY			A
	48C48607-BSC	• ACTUATOR ASSEMBLY-FLAP USE VENDOR ASSEMBLY NO 48C48607-BSC			
		• ACTUATOR ASSEMBLY-FLAP REF SPEC CONTROL DWG 6600086-001	1		A
-1	C48607-19	• BODY-CYLINDER	1		A
-2	C48607-20	• CAP	1		A
-3	C48607-21	• NUT-SPANNER	1		A
-4	C48607-14	• ROD-PISTON	1		A
-5	C48607-13	• HEAD-PISTON	1		A
-6	AN310C6	• NUT-PISTON HEAD RETAINER	1		A
-8	KSBN-4	• BEARING	1		A
-9	KBNE-6W	• ROD END	1		A
-10	NAS509-6	• NUT	1		A
-11	NAS559-2	• KEY-LOCKING	1		A
-12	C48607-17	• SHIM-LAMINATED	1		A
-13	C48607-16	• WASHER	1		A
-14	MS16625-1093	• RING-RETAINING	1		A
	2392500-001	• KIT-FLAP ACTUATOR REPAIR	1		A
-16	MS28775-215	• PACKING-O RING	1		A
-17	MS28782-19	• RING-BACK UP	2		A
-18	MS28775-012	• PACKING-O RING	1		A
-19	MS28782-7	• RING-BACK UP	2		A
-20	MS28775-222	• PACKING-O RING	1		A
-21	MS28782-27	• RING-BACK UP	2		A
-22	MS28775-114	• PACKING-O RING	1		A
-23	MS28782-12	• RING-BACK UP	2		A
-24	MS28932-02-06	• WIPER-FELT	1		A
-25	S11065-3	• RING-SCRAPER	1		A
-26	MS24665-370	• PIN-COTTER	1		A
A		050A & 090 & ON & A/C MOD PER ECR 233 ECR 277, ECR 381, ECR 392 OR ECR 401 & A/C MOD PER AMK73-5			
		A---ATTACHING PARTS			

LIMITED EFFECTIVITY Serial Code A



**Detail B****Detail C****Detail D****Detail E****Detail F****Detail G**

B8-11C  
C8-21C  
D8-21C  
D8-34B  
D8-16C  
E8-38B  
F8-39B  
G8-10C

Figure 86. Autopilot Controls Installation (Sheet 2 of 2)

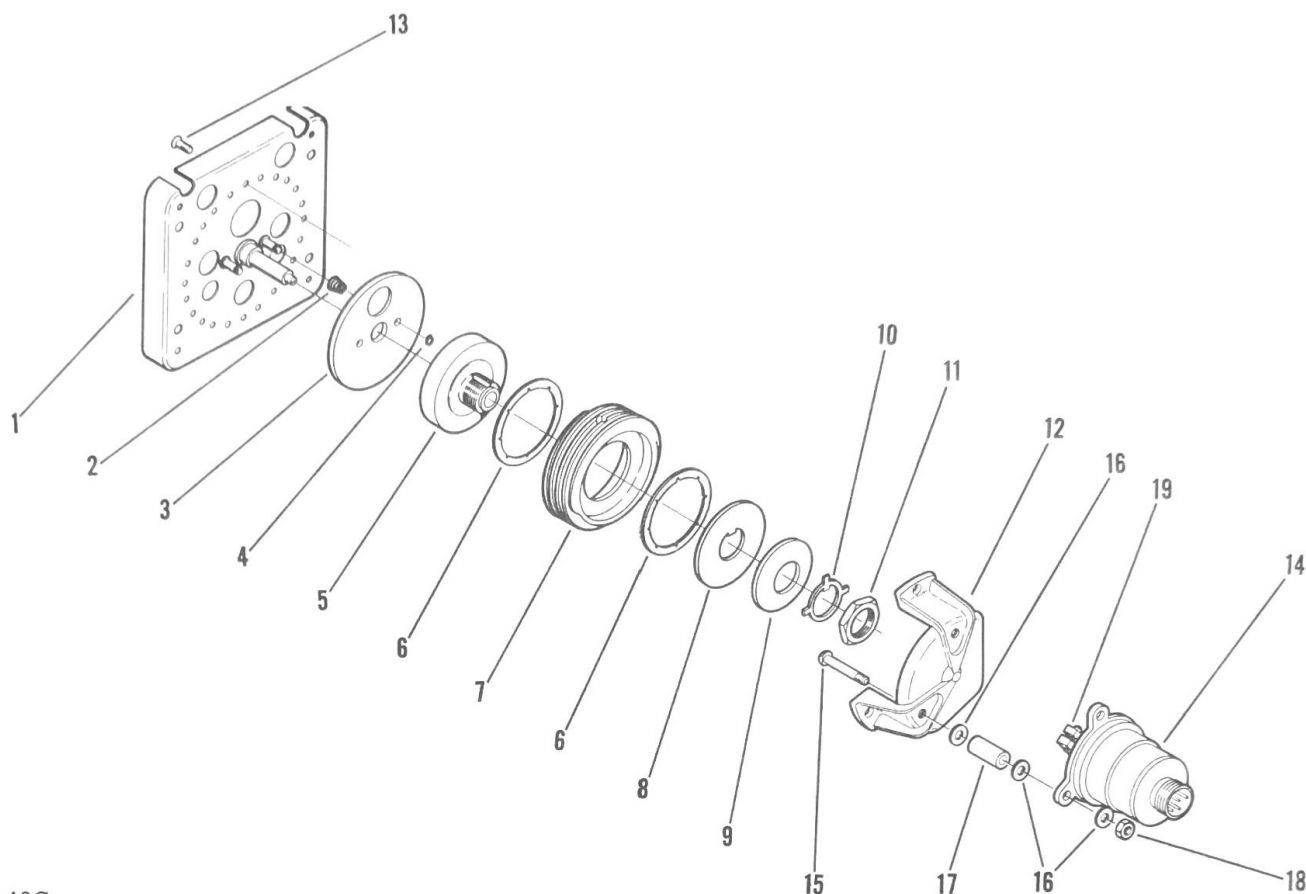


FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
86 -	SEE FIGURE 87	AUTOPILOT CONTROLS INSTALLATION	REF		
-1	2381364-006	• CONTROLLER INSTALLATION-ALTITUDE ----- • SERVO INSTALLATION-AILERON ----- • • SERVO ASSY ROLL CLUTCH TYPE SEE GATES LEARJET CORP MANUAL 1711-3 FOR BREAKDOWN WHEN EXHAUSTED USE 2381364-007 -----	1		
	2381364-007	• • SERVO ASSY ROLL CLUTCH TYPE SEE GATES LEARJET CORP MANUAL 1711-3 FOR BREAKDOWN WHEN EXHAUSTED USE 2380066-044 -----	1		
	2380066-044	• • SERVO ASSY ROLL CLUTCH TYPE SEE GATES LEARJET CORP MANUAL 1711-3 FOR BREAKDOWN -----	1	G	
-2	NAS221-9	A • • SCREW -----	2		
-3	NAS221-10	A • • SCREW -----	2		
-4	AN960D10	A • • WASHER -----	2		
-5	2380083-009	A • • WASHER -----	2		
-6	MS20365-1032	A • • NUT -----	4		
-7	SEE FIGURE 86A	• • DRUM & BRACKET ASSEMBLY-ROLL -----	1		
-8	AN3-7A	A • • BOLT -----	4		
-9	AN960D10	A • • WASHER -----	4		
		• FOLLOW UP POTENTIOMETER INSTALLATION ELEVATOR & RUDDER -----	1	B	
-16	2312500-043	• • CHANNEL -----	2	B	
-17	2380081-001	• • FOLLOW UP POTENTIOMETER PITCH & YAW MT51,MT53 WHEN EXHAUSTED USE 2380081-010 -----	2	B	
	2380081-010	• • FOLLOW UP POTENTIOMETER PITCH & YAW MT51,MT53 1 VOLT -----	2	J	
-18	AN515-8R7	A • • SCREW -----	4	B	
	MS21042-08	A • • NUT -----	4	B	
-19	2380081-007	• • ARM ASSEMBLY PITCH -----	1	L	
	2380081-009	• • ARM ASSEMBLY PITCH -----	1	K	
	2380081-009	• • ARM ASSEMBLY YAW -----	1	B	
-20	AN515-4R12	A • • SCREW -----	4	B	
	MS21042-04	A • • NUT -----	4	B	
	NAS561P4-6	• • PIN-SPRING -----	1	B	
-21	NAS1297-4-4	• • BOLT -----	2	B	
	AN960D416	• • WASHER -----	2	B	
	MS20364-428	• • NUT -----	2	B	
-22	2312500-053	• • LINK ASSEMBLY -----	2	B	
-23	NAS464P3-5	A • • BOLT -----	2	B	
	AN960D10L	A • • WASHER -----	4	B	
	AN960D516L	A • • WASHER -----	4	B	
	AN960D10	A • • WASHER -----	2	B	
	NAS76A3-006P	A • • BUSHING -----	2	B	
	AN310-3	A • • NUT -----	2	B	
	MS24665-134	A • • PIN-COTTER -----	2	B	
		• SERVO INSTALLATION-ELEVATOR & RUDDER -----	1		
-24	2312500-009	• • BRACKET ASSEMBLY -----	1		
-25	AN3-6A	A • • BOLT -----	2		
-26	NAS517-3-0	A • • SCREW -----	2		
-27	AN960D10	A • • WASHER -----	2		
-28	NAS620A10L	A • • WASHER -----	4		
-29	MS21042-3	A • • NUT -----	4		
-30	2381364-006	• • SERVO ASSY PITCH CLUTCH TYPE SEE GATES LEARJET CORP MANUAL 1711-3 FOR BREAKDOWN WHEN EXHAUSTED USE 2381364-007 -----	1		
	2381364-007	• • SERVO ASSY PITCH CLUTCH TYPE SEE GATES LEARJET CORP MANUAL 1711-3 FOR BREAKDOWN WHEN EXHAUSTED USE 2380066-044 -----	1	G	
	2380066-044	• • SERVO ASSY PITCH CLUTCH TYPE SEE GATES LEARJET CORP MANUAL 1711-3 FOR BREAKDOWN -----	1	H	
	AN3-4A	A • • BOLT -----	4		
	AN960D10	A • • WASHER -----	4		
-31	2381364-006	• • SERVO ASSY YAW CLUTCH TYPE SEE GATES LEARJET CORP MANUAL 1711-3 FOR BREAKDOWN WHEN EXHAUSTED USE 2381364-007 -----	1		
	2381364-007	• • SERVO ASSY YAW CLUTCH TYPE SEE GATES LEARJET CORP MANUAL 1711-3 FOR BREAKDOWN WHEN EXHAUSTED USE 2380066-044 -----	1	G	
	2380066-044	• • SERVO ASSY YAW CLUTCH TYPE SEE GATES LEARJET CORP MANUAL 1711-3 FOR BREAKDOWN -----	1	H	
	AN3-4A	A • • BOLT -----	4		

CONTINUED

A---ATTACHING PARTS

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
86 -	AN960D10	A . . WASHER -----	4		
-32	SEE FIGURE 86A	. . DRUM & BRACKET ASSEMBLY-PITCH -----	1		
-33	AN3-4A	A . . BOLT -----	4		
	AN960D10	A . . WASHER -----	4		
-34	SEE FIGURE 86A	. . DRUM & BRACKET ASSEMBLY-YAW -----	1		
-35	AN3-4A	A . . BOLT -----	4		
	AN960D10	A . . WASHER -----	AR		
		. FOLLOW UP POTENTIOMETER INSTL			
		ELEVATOR -----	1	A	
-36	2331510-026	. . BRACKET -----	1	A	
-37	2380081-001	. . FOLLOW UP POTENTIOMETER PITCH			
		MT51 WHEN EXHAUSTED USE			
		2380081-010 1 VOLT -----	1	A	
	2380081-010	. . FOLLOW UP POTENTIOMETER PITCH			
		MT51 1 VOLT -----	1	J	
	AN515-8R6	A . . SCREW -----	3	A	
	AN960D8L	A . . WASHER -----	3	A	
-38	MS20364-832	A . . NUT -----	3	A	
	2331510-027	. . ARM -----	1	C	
	2331510-039	. . ARM -----	1	O	
	2331510-043	. . ARM -----	1	E	
-39	AN515-8R14	A . . SCREW -----	1	F	
	NAS221-14	A . . SCREW -----	1	F	
	AN960D10L	A . . WASHER -----	1	F	
	AN960D10L	A . . WASHER -----	1	F	
	MS20364-832	A . . NUT -----	1	F	
	MS20364-1032	A . . NUT -----	1	E	
-40	AN515-8R8	A . . SCREW -----	1	A	
	AN960D8L	A . . WASHER -----	1	A	
	MS20364-832	A . . NUT -----	1	A	
		. FOLLOW UP POTENTIOMETER INSTL			
		RUDDER -----	1	A	
-41	2312041-002	. . BRACKET -----	1	A	
-42	2380081-001	. . FOLLOW UP POTENTIOMETER YAW			
		MT53 WHEN EXHAUSTED USE			
		2380081-010 1 VOLT -----	1	A	
	2380081-010	. . FOLLOW UP POTENTIOMETER YAW			
		MT53 1 VOLT -----	1	J	
-43	NAS220-9	A . . SCREW -----	3	A	
	AN960D8	A . . WASHER -----	3	A	
	MS21042-08	A . . NUT -----	3	A	
-44	2312041-003	. . ARM -----	1	A	
-45	AN500A8-8	A . . SCREW -----	2	A	
-46	2312041-004	. . LINK -----	1	A	
-47	NAS1297-404	A . . BOLT -----	2	A	
	AN960D416L	A . . WASHER -----	4	A	
	AN320-4	A . . NUT -----	2	A	
	MS24665-208	A . . PIN-COTTER -----	2	A	
		. FOLLOW UP POTENTIOMETER INSTL			
		AILERON -----	1	A	
-48	2324505-025	. . BRACKET -----	1	A	
-49	AN509-8-6	A . . SCREW -----	2	A	
-50	AN960-8	A . . WASHER -----	2	A	
-51	MS20365-832	A . . NUT -----	2	A	
-52	2380081-001	. . FOLLOW UP POTENTIOMETER ROLL			
		MT52 WHEN EXHAUSTED USE			
		2380081-010 1 VOLT -----	1	A	
	2380081-010	. . FOLLOW UP POTENTIOMETER ROLL			
		MT52 1 VOLT -----	1	J	
	AN509-8-6	A . . SCREW -----	2	A	
	AN960-8	A . . WASHER -----	2	A	
	MS20365-832	A . . NUT -----	2	A	
-53	AN500A8-8	A . . SCREW -----	2	A	
		A 003 & ON EXCEPT A/C MOD PER SK23-217			
		B 003 & ON WHEN MOD PER SK23-217			
		C 003 THRU 069 EXCEPT A/C MOD PER SK23-217			
		D 070 THRU 089 EXCEPT A/C MOD PER SK23-217			
		E 090 & ON EXCEPT A/C MOD PER SK23-217			
		F 003 THRU 089 EXCEPT A/C MOD PER SK23-217			
		G SPARE FOR 2381364-006			
		H SPARE FOR 2381364-007			
		J SPARE FOR 2380081-001			
		K MOD SEQ 3 & ON--SEE PAGE 1			
		L 003 & ON WHEN MOD PER SK23-217 EXCEPT			
		A/C MOD PER MOD SEQ 3 & ON--SEE PAGE 1			
		A---ATTACHING PARTS			

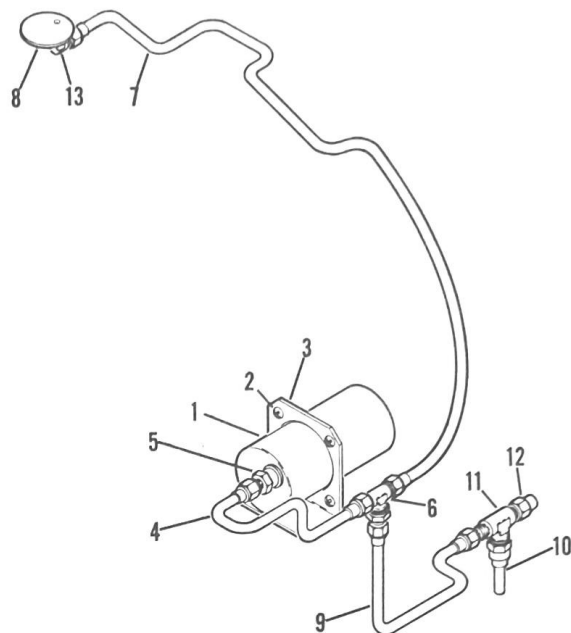
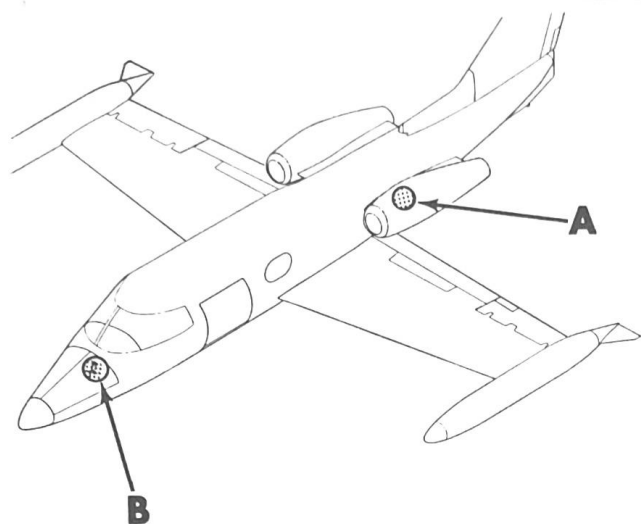
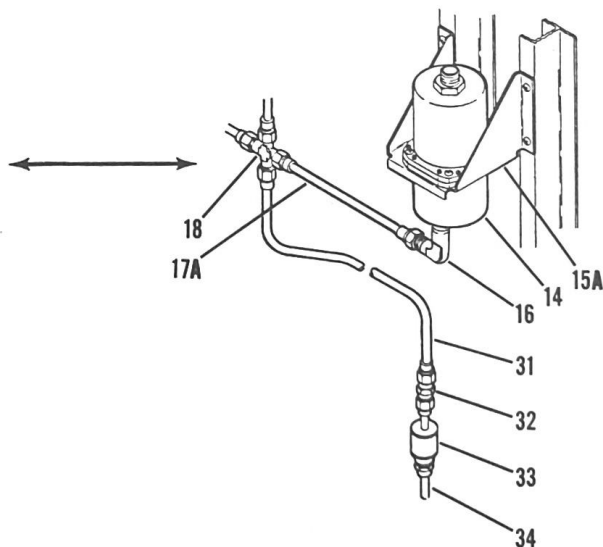
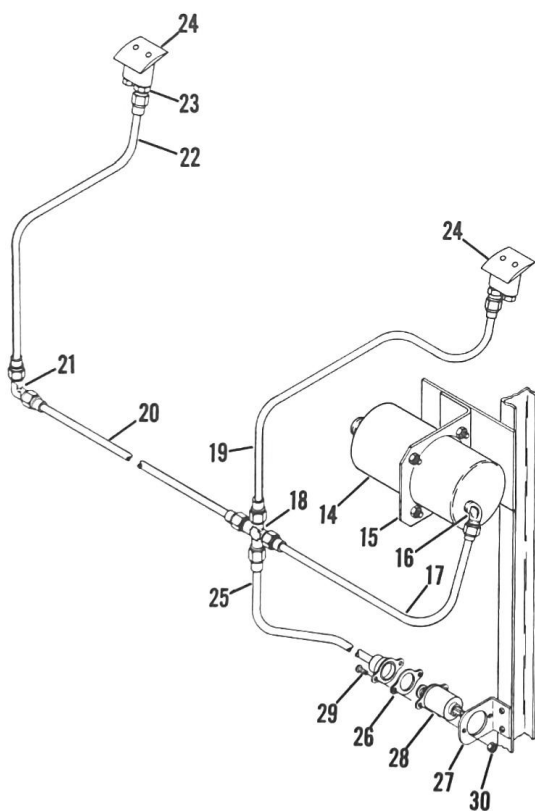


8-40C

Figure 86A. Autopilot Servo Drum and Bracket Assemblies

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
86A-		AUTOPILOT SERVO DRUM & BRACKET ASSEMBLIES			
	2380083-001	• DRUM & BRACKET ASSEMBLY-ROLL -----	1	A	
	2380112-006	• DRUM & BRACKET ASSEMBLY-ROLL -----	1	B	
	2380082-002	• DRUM & BRACKET ASSEMBLY-PITCH -----	1		
	2380082-001	• DRUM & BRACKET ASSEMBLY-YAW -----	1		
-1	2380083-003	• • PLATE ROLL -----	1		
	2380082-006	• • PLATE PITCH & YAW -----	1		
-2	84371	• • SPRING-CONICAL -----	2		
-3	74270	• • DISC-WIPER 79038 ALT FOR 74270 -----	1		
-4	NAS51-18	• • RING-RETAINER -----	2		
	2380083-002	• • DRUM ASSY ROLL -----	1	A	
	2380112-004	• • DRUM ASSY ROLL -----	1	B	
	2380082-005	• • DRUM ASSY PITCH -----	1		
	2380082-004	• • DRUM ASSY YAW -----	1		
-5	84932	• • GEAR ASSY -----	1		
-6	105719-01	• • DISC FRICTION -----	2		
-7	2380083-011	• • DRUM ASSY-CABLE DRIVE ROLL -----	1	A	
	2380111-006	• • DRUM ASSY-CABLE DRIVE ROLL -----	1		
		WHEN EXHAUSTED USE 2380111-007 -----	1	B	
	2380111-007	• • DRUM ASSY-CABLE DRIVE ROLL -----	1	D	
	2380083-011	• • DRUM ASSY-CABLE DRIVE PITCH & YAW WHEN EXHAUSTED USE -----	1		
		2380111-008 -----	1		
	2380111-008	• • DRUM ASSY-CABLE DRIVE PITCH & YAW -----	1	E	
-8	84963	• • PLATE-CLUTCH -----	1		
		CONTINUED	1		
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
86A-9	99077 85275	. . . WASHER-SPRING ROLL & PITCH ----- . . . WASHER-SPRING YAW & ALT FOR 99077 IN ROLL DRUM ASSY -----	1 1		
-10	84960	. . . WASHER-LOCK -----	1		
-11	77226	. . . NUT-SERVO -----	1		
-12	2380083-004	. . . GUARD-CAPSTAN ROLL -----	1	A	
	2380111-001	. . . SHROUD ASSY ROLL -----	1	B	
	2380083-004	. . . GUARD-CAPSTAN PITCH & YAW -----	1		
-13	AN505-8-9	A . . . SCREW -----	AR		
		. . . FOLLOW UP POTENTIOMETER INSTALLATION ROLL -----	1	B	
-14	2380081-011	. . . FOLLOW UP POTENTIOMETER ROLL MT52 1 VOLT -----	1	B	
-15	AN515-8R22	A . . . SCREW -----	2	B	
-16	AN960D8L	A . . . WASHER -----	6	B	
-17	NAS43DD1-43	A . . . SPACER -----	2	B	
-18	MS21042L08	A . . . NUT -----	2	B	
-19	2380081-004	. . . ARM -----	1	B	
	AN515-4R12	A . . . SCREW -----	2	B	
	MS21042-04	A . . . NUT -----	2	B	
		A 003 & ON EXCEPT A/C MOD PER SK23-217			
		B 003 & ON WHEN MOD PER SK23-217			
		D SPARE FOR 2380111-006			
		E SPARE FOR 2380083-011			
		A---ATTACHING PARTS			

**Detail A****Detail B**

A9-18B  
B9-24B  
B9-24B-1

Figure 87. Autopilot Altitude Controller Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
87 -		AUTOPILOT ALTITUDE CONTROLLER INSTL			
-1	AC-7-13280B	. CONTROLLER INSTL-AUTO PILOT ALTITUDE -----	1	A	
	2380143-001	. . CONTROLLER-AUTOPILOT ALTITUDE WHEN EXHAUSTED USE 2380143-001 -----	1	A	
-2	AN515-8R14	. . CONTROLLER-AUTOPILOT ALTITUDE ALT FOR AC-7-13280B -----	1	A	
	AN960D8L	A . . SCREW -----	4	A	
	MS20365-832	A . . WASHER -----	4	A	
-3	2314121-002	A . . NUT -----	4	A	
	SEE FIGURE 53	. . BRACKET-ALTITUDE CONTROLLER -----	1	A	
-4	2314121-008	. . ATTACHING PARTS -----	REF	A	
-5	AN816-4D	. . TUBE ASSEMBLY-ALTITUDE CONTROLLER -----	1	A	
-6	AN834-4D	. . NIPPLE -----	1	A	
	AN960D716	. . TEE -----	1	A	
	AN924-4D	. . WASHER -----	1	A	
-7	2314121-006	. . NUT -----	1	A	
-8	2314121-012	. . TUBE ASSEMBLY-ALTITUDE CONTROLLER -----	1	A	
-9	2314121-010	. . BUTTON ASSEMBLY-STATIC -----	1	A	
-10	50BSH-4	. . TUBE ASSEMBLY-ALTITUDE CONTROLLER -----	1	A	
		. . VALVE-DRAIN FOR SPARES ORDER 2380065-001 -----	1	A	
-11	2380065-001	. . VALVE-DRAIN -----	1	Q	
-12	AN783D4	. . TEE -----	1	A	
-13	AN929-4	. . CAP -----	1	A	
	AN822-4D	. . ELBOW -----	1	A	
-14	AC-7-13280B	. CONTROLLER INSTL-AUTO PILOT ALTITUDE -----	1	B	
	2380143-001	. . CONTROLLER-AUTOPILOT ALTITUDE WHEN EXHAUSTED USE 2380143-001 -----	1	B	
	AN515-8R14	. . CONTROLLER-AUTOPILOT ALTITUDE ALT FOR AC-7-13280B -----	1	B	
	AN960D8L	A . . SCREW -----	4	B	
	MS20365-832	A . . WASHER -----	4	B	
-15	2314121-016	A . . NUT -----	4	B	
-15A	2314220-003	. . BRACKET-ALTITUDE CONTROLLER -----	1	H	
-16	AN822-4D	. . BRACKET-ALTITUDE CONTROLLER -----	1	G	
-17	2314071-608-3	. . ELBOW -----	1	B	
	2314071-120	. . TUBE ASSEMBLY-ALTITUDE CONTROLLER -----	1	J	
-17A	2381365-003	. . TUBE ASSEMBLY-ALTITUDE CONTROLLER -----	1	K	
-18	AN827-4D	. . TUBE ASSEMBLY-ALTITUDE CONTROLLER -----	1	G	
-19	2314071-608-4	. . CROSS -----	1	B	
	2314071-122	. . TUBE ASSEMBLY-ALTITUDE CONTROLLER -----	1	E	
-20	2314071-075	. . TUBE ASSEMBLY-ALTITUDE CONTROLLER -----	1	D	
	2314071-108	. . TUBE ASSEMBLY-ALTITUDE CONTROLLER -----	1	E	
-21	AN821-4D	. . TUBE ASSEMBLY-ALTITUDE CONTROLLER -----	1	D	
-22	2314071-081	. . ELBOW -----	1	B	
-23	2314071-106	. . TUBE ASSEMBLY-ALTITUDE CONTROLLER -----	1	E	
	AN837-4D	. . TUBE ASSEMBLY-ALTITUDE CONTROLLER -----	1	D	
	AN815-4D	. . ELBOW -----	2	E	
-24	MS28778-4	. . UNION -----	2	D	
	2314071-607-1	. . PACKING-O RING -----	2	D	
	2314071-188	. . PORT-STATIC -----	2	F	
-25	AN806-D4	. . PORT-STATIC -----	2	C	
	2314071-608-1	. . PLUG -----	2	B	
-26	2314071-116	. . TUBE ASSEMBLY-DRAIN -----	1	L	
-27	2314071-065	. . WELD ASSEMBLY -----	1	M	
	2314071-087	. . GASKET -----	1	N	
	AN520-416-6	. . BRACKET-SOLENOID VALVE -----	1	N	
	AN960-416	A . . SCREW -----	2	N	
	MS20364-428	A . . WASHER -----	2	N	
-28	2380058-001	A . . NUT -----	2	N	
-29	AN515-4R5	. . SOLENOID VALVE-DRAIN B45 -----	1	N	
-30	MS20365-440	. . SCREW -----	2	N	
-31	2381370-003	. . NUT -----	2	N	
-32	AN815-4D	. . TUBE ASSEMBLY-DRAIN -----	1	P	
-33	2314221-001	. . UNION -----	1	P	
	AN520-10R8	. . ACCUMULATOR ASSEMBLY -----	1	P	
	MS21919DG16	A . . SCREW -----	1	P	
	NAS43DD3-8	A . . CLAMP -----	1	P	
	MS20365-1032	A . . SPACER -----	1	P	
-34	2380065-001	A . . NUT -----	1	P	
	MS28778-4	. . DRAIN VALVE ASSEMBLY -----	1	P	
		. . PACKING-O RING -----	1	P	
		A 003 THRU 069 EXCEPT 050A & A/C MOD PER SK23/24-226			
		B 050A & 070 & 0N & A/C MOD PER SK23/24-226			
		C 090 & 0N & A/C MOD PER SK23/24-226			
		D 003 THRU 069 WHEN MOD PER SK23/24-226 EXCEPT 050A			
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
87 -		1 2 3 4 5 6 7			
	E	050A & 070 & ON			
	F	050A & 070 THRU 089			
	G	A/C MOD PER SK23/24-226 OR SK23/24-258 WHEN ALTITUDE CONTROLLER IS MOUNTED VERTICALLY			
	H	050A & 070 & ON WHEN ALTITUDE CONTROLLER IS MOUNTED HORIZONTALLY			
	J	050A & 070 & ON EXCEPT A/C MOD PER SK23/24-258			
	K	003 THRU 069 WHEN ALTITUDE CONTROLLER IS MOUNTED HORIZONTALLY			
	L	050A & 070 & ON EXCEPT A/C MOD PER SK23/24-265			
	M	003 THRU 069 WHEN MOD PER SK23/24-226 INCORPORATING SOLENOID DRAIN VALVE			
	N	050A & 070 & ON & A/C MOD PER SK23/24-226 INCORPORATING SOLENOID DRAIN VALVE			
	P	A/C MOD PER SK23/24-226 OR SK23/24-265 INCORPORATING MANUAL DRAIN VALVE			
	Q	SPARE FOR 50BHS-4			
		A---ATTACHING PARTS			





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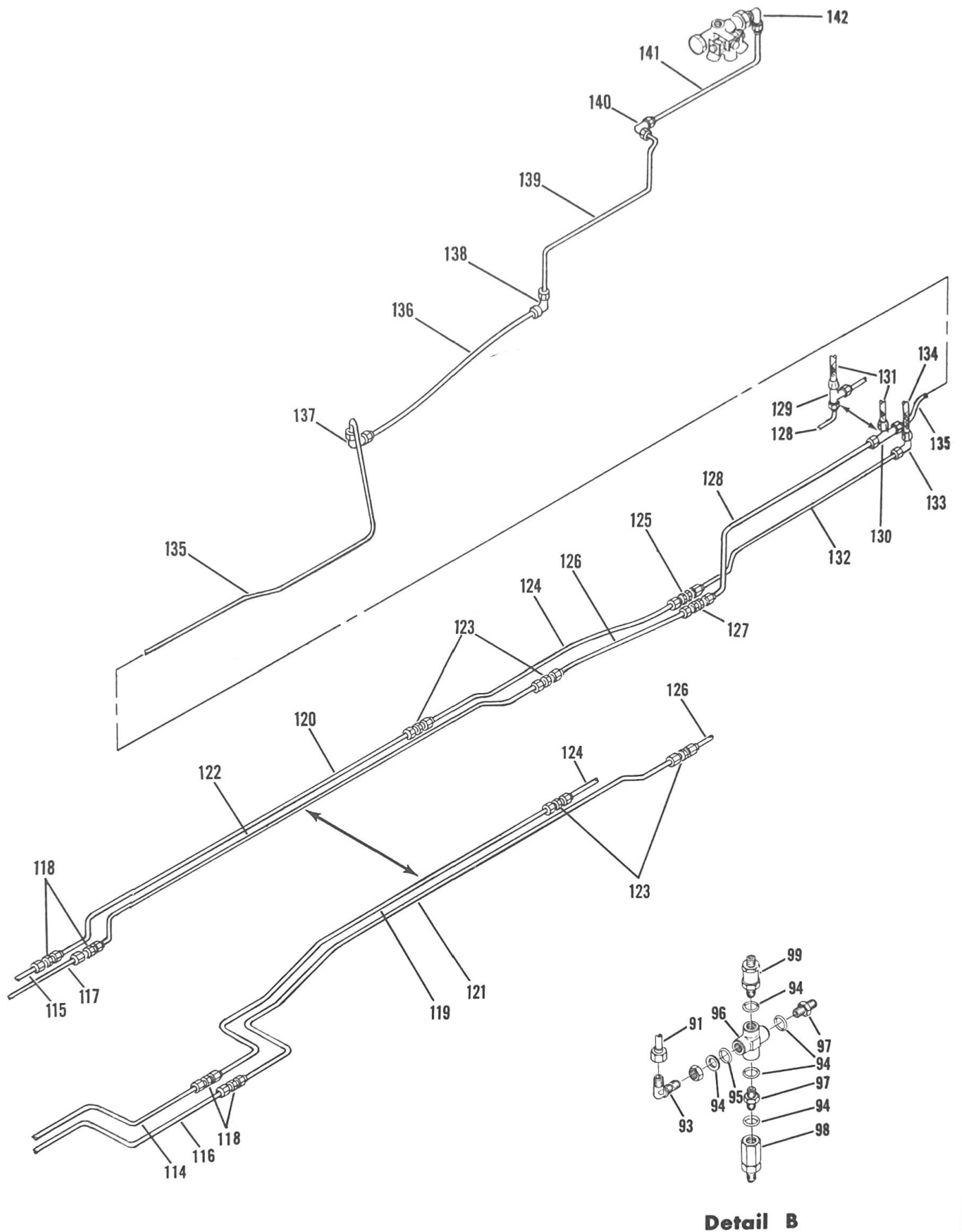


Figure 88. Gear & Brake Emergency Pneumatic System Installation (Sheet 2 of 2)

11-16D  
B11-16D

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
88 -		1 2 3 4 5 6 7			
	SEE FIGURE 89	GEAR & BRAKE EMERGENCY PNEUMATIC SYSTEM INSTALLATION			
-1	SEE INDEX 200	• PNEUMATIC INSTALLATION-MAIN LDG GEAR -----	1		
-2	2317008-016	• BOTTLE INSTALLATION-EMERGENCY AIR -----	1	L	
-3	2317008-001	• BOTTLE ASSY-AIR -----	1	L	
	AN3-12A	• SUPPORT ASSEMBLY -----	1	L	
	NAS43DD3-48	• SUPPORT ASSEMBLY -----	1	L	
	AN960D10L	• BOLT -----	2	L	
	MS20365-1032	• SPACER -----	2	L	
-5	MS28889-1	• WASHER -----	2	L	
-6	AN894C5-4	• NUT -----	2	L	
-7	MS28778-4	• VALVE-AIR -----	1	L	
-8	AN783C4	• BUSHING -----	1	L	
-9	AN6289D4	• PACKING-O RING -----	2	L	
-10	MS28777-4	• TEE -----	1	L	
-11	2307002-013	• NUT -----	1	L	
-12	AN815-4C	• RING-BACK UP -----	1	L	
-13	2307002-012	• TUBE ASSEMBLY-EMERGENCY AIR SUPPLY -----	1	L	
-14		• UNION -----	1	L	
	AN832-4C	• TUBE ASSEMBLY-EMERGENCY AIR SUPPLY -----	1	L	
	AN960D716	• CONNECTING PARTS -----	1	L	
	AN924-4D	• UNION -----	1	L	
-15	2307002-201	• WASHER -----	1	L	
		• NUT -----	1	L	
-16	SEE INDEX 200	• TUBE ASSEMBLY-EMERGENCY AIR SUPPLY -----	1	L	
-17	2317008-017	• BOTTLE INSTALLATION-EMERGENCY AIR -----	1	A	
-18	2317008-001	• BOTTLE ASSY-AIR -----	1	A	
	AN3-12A	• STRAP ASSEMBLY -----	1	A	
	NAS43DD3-48	• SUPPORT ASSEMBLY -----	1	A	
	AN960-10	• BOLT -----	2	A	
-20	MS28889-1	• SPACER -----	2	A	
-21	AN894C5-4	• WASHER -----	2	A	
-22	2307002-018	• VALVE-AIR -----	1	A	
-23		• BUSHING -----	1	A	
	AN834-4C	• TUBE ASSEMBLY-EMERGENCY AIR FILLER -----	1	A	
	AN6289D4	• CONNECTING PARTS -----	1	A	
	MS28778-4	• TEE -----	1	A	
	MS28777-4	• NUT -----	1	A	
-24	2307002-019	• PACKING-O RING -----	1	A	
-25		• RING-BACK UP -----	1	A	
	AN833-4C	• TUBE ASSEMBLY-EMERGENCY AIR SUPPLY -----	1	A	
	S-140-4	• CONNECTING PARTS -----	1	A	
	AN924-4D	• ELBOW -----	1	A	
-26	2307002-224	• WASHER-SEAL -----	1	A	
-27	AN824-4C	• NUT -----	1	A	
-28	2307002-202	• TUBE ASSEMBLY-EMERGENCY AIR SUPPLY -----	1	B	
-29	AN821-4C	• TEE -----	1	M	
-30	2307006-201	• TUBE ASSEMBLY-EMERGENCY AIR GAGE -----	1	M	
	2307006-040	• ELBOW -----	1	N	
-31		• HOSE ASSEMBLY-EMERGENCY AIR GAGE -----	1	L	
	AN815-4C	• HOSE ASSEMBLY-EMERGENCY AIR GAGE -----	1	P	
	MS28778-4	• CONNECTING PARTS -----	1	L	
	AN816-4C	• UNION -----	1	L	
-32	2307002-203	• PACKING-O RING -----	1	P	
-33	AN824-4C	• NIPPLE -----	1	M	
-34	2307002-205	• TUBE ASSEMBLY-EMERGENCY AIR SUPPLY -----	1	M	
-35	2307002-228	• TEE -----	1	C	
-36	2307002-204	• TUBE ASSEMBLY-EMERGENCY BRAKE SUPPLY -----	1	D	
-37	2307002-230	• TUBE ASSEMBLY-EMERGENCY BRAKE SUPPLY -----	1	E	
	AN919-6C	• TUBE ASSEMBLY-EMERGENCY GEAR SUPPLY -----	1	F	
	MS28778-6	• CONNECTING PARTS -----	1	E	
	AN893-2C	• REDUCER -----	1	C	
	MS28778-4	• PACKING-O RING -----	1	F	
-38	20011-4-10W	• REDUCER -----	1	F	
-39	2307002-229	• PACKING-O RING -----	1	F	
	20011-4-10W	• UNION-FILTER -----	1	D	
	MS28778-4	• TUBE ASSEMBLY-EMERGENCY BRAKE SUPPLY -----	1	H	
-40	2307002-206	• UNION-FILTER -----	2	H	
-41		• UNION-FILTER ALT FOR 20011-4-10W -----	2	H	
	AN778-4C	• PACKING-O RING -----	2	C	
	AN775-4C	• TUBE ASSEMBLY-EMERGENCY GEAR VALVE ACT -----	1	C	
	AN901-4A	• CONNECTING PARTS -----	1	C	
-42	6600023-002	• ELBOW -----	1	C	
	48C48601	• BOLT -----	1	C	
		• GASKET -----	2	C	
-43	2307002-215	• VALVE-SHUT OFF USE VENDOR NO 48C48601 -----	1	C	
		• VALVE-SHUT OFF REF SPEC CONTROL DWG 6600023-002 -----	1	C	
		• TUBE ASSEMBLY-EMERGENCY GEAR EXTEND -----	1	C	
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
88 -44	AN919-6C	• CONNECTING PARTS			
-45	MS28778-6	• • REDUCER -----	1	C	
	2677T-4TT	• • PACKING-O RING -----	1	C	
-46	MS28778-4	• VALVE-CHECK -----	1	C	
-47	2307002-207	• PACKING-O RING -----	1	C	
		• TUBE ASSEMBLY-EMERGENCY BRAKES -----	1	C	
		• CONNECTING PARTS			
	AN804C4	• • TEE -----	1	C	
	AN6289D4	• • NUT -----	1	C	
	MS28778-4	• • PACKING-O RING -----	1	C	
	MS28777-4	• • RING-BACK UP -----	1	C	
-48	AN815-4C	• UNION -----	1	C	
-49	2307002-208	• TUBE ASSEMBLY-EMERGENCY BR VALVE OVBD -----	1	M	
-50	AN815-4C	• UNION -----	1	C	
	MS28778-4	• PACKING-O RING -----	2	C	
-51	AN815-4C	• UNION -----	2	C	
-52	6600060-001	• VALVE ASSY-EMERGENCY BRAKE PNEUMATIC USE VENDOR ASSY NO 893018-02	1		
	893018-02	• VALVE ASSY-EMERGENCY BRAKE PNEUMATIC REF SPEC CONTROL DWG NO 6600060-001 WHEN EXHAUSTED USE 893018-01 -----	1		
	6600060-002	• VALVE ASSY-EMERGENCY BRAKE PNEUMATIC USE VENDOR ASSY NO 893018-01	1		
	893018-01	• VALVE ASSY-EMERGENCY BRAKE PNEUMATIC REF SPEC CONTROL DWG NO 6600060-002 ALT FOR 893018-02 WHEN EXHAUSTED USE 2380009-012 -----	1		
	2380009-012	• VALVE ASSY-EMERGENCY BRAKE PNEUMATIC ALT FOR 893018-01 WHEN EXHAUSTED USE 2417008-003 VALVE INSTL KIT (REF INDEX 251) -----	1		
	6600060-004	• VALVE ASSY-EMERGENCY BRAKE PNEUMATIC USE VENDOR ASSY NO 53590-2	1		
	53590-2	• VALVE ASSY-EMERGENCY BRAKE PNEUMATIC REF SPEC CONTROL DWG 6600060-004 WHEN EXHAUSTED USE 2417008-001 VALVE INSTL KIT (REF INDEX 250) -----	1		
	AN3-23A	A • BOLT -----	3	M	
	AN3-26A	A • BOLT -----	3	Q	
	NAS43HT3-18	A • SPACER -----	2	AG	
	NAS43HT3-16	A • SPACER -----	1	AG	
	NAS43HT3-16	A • SPACER -----	3	AH	
	NAS43HT3-32	A • SPACER -----	1	AH	
	NAS43HT3-34	A • SPACER -----	2	AH	
	AN960-10L	A • WASHER -----	3		
	2397001-009	• • KIT-VALVE REPAIR SEAL -----	1	AJ	
	2397001-010	• • KIT-VALVE REPAIR SEAL -----	1	AK	
	2397001-013	• • KIT-VALVE REPAIR SEAL -----	1	AL	
-53	6600078-001	• VALVE-EMERGENCY GEAR EXTEND USE VENDOR NO 890439			
	890439	• VALVE-EMERGENCY GEAR EXTEND REF SPEC CONTROL DWG 6600078-001 -----	1	H	
	6600078-003	• VALVE-EMERGENCY GEAR EXTEND USE VENDOR NO 53620-1			
	53620-1	• VALVE-EMERGENCY GEAR EXTEND REF SPEC CONTROL DWG 6600078-003 ALT FOR 890439 -----	1	H	
	NAS221-23	A • SCREW -----	3	H	
	2397001-011	• • KIT-VALVE REPAIR SEAL -----	1	AM	
	2397001-012	• • KIT-VALVE REPAIR SEAL -----	1	AN	
-54	2307002-223	• TUBE ASSEMBLY-EMERGENCY AIR SUPPLY -----	1	G	
-55	AN824-4C	• TEE -----	2	G	
-56	2307002-220	• TUBE ASSEMBLY-EMERGENCY AIR GAGE -----	1	G	
-57	2307002-234	• TUBE ASSEMBLY-EMERGENCY AIR SUPPLY -----	1	R	
-58	2307002-235	• TUBE ASSEMBLY-EMERGENCY AIR SUPPLY -----	1	R	
-59	2307002-236	• TUBE ASSEMBLY-EMERGENCY AIR SUPPLY FOR SPARES USE 2307002-241 -----	1	R	
	2307002-241	• TUBE ASSEMBLY-EMERGENCY AIR SUPPLY -----	1	R	
-60	2307002-218	• TUBE ASSEMBLY-EMERGENCY AIR SUPPLY -----	1	G	
-61	2307002-219	• TUBE ASSEMBLY-EMERGENCY AIR SUPPLY -----	1	G	
-62	2307002-217	• TUBE ASSEMBLY-EMERGENCY AIR SUPPLY -----	1	G	
-63	2307002-222	• TUBE ASSEMBLY-GEAR BLEED AIR -----	1	H	
-64		• CONNECTING PARTS			
	AN815-4C	• • UNION -----	1	H	
	MS28778-4	• • PACKING-O RING -----	1	H	
-65	AN815-4C	• UNION -----	1	H	
-66	2307002-221	• TUBE ASSEMBLY-EMERGENCY AIR OVERBOARD -----	1	H	
-67		• CONNECTING PARTS			
	AN804D4	• • TEE -----	1	AG	
	AN6289D4	• • NUT -----	1	AG	
CONTINUED					
A---ATTACHING PARTS					

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
88 -	MS28778-4 +	• PACKING-O RING -----	1	AG	
	MS28777-4 +	• RING-BACK UP -----	1	AG	
	PA804D030404 #	• TEE -----	1	AH	
	3372 #	• TEE ALT FOR PA804D030404 -----	1	AH	
	US158D030404 #	• TEE ALT FOR PA804D030404 -----	1	AH	
	AN6289D3 #	• NUT -----	1	AH	
	MS28778-3 #	• PACKING-O RING -----	1	AH	
	MS28777-3 #	• RING-BACK UP -----	1	AH	
-68	2307002-225 *	• TUBE ASSEMBLY-GEAR BLEED AIR -----	1	H	
-69		• CONNECTING PARTS			
	AN833-4C	• ELBOW -----	1	H	
	AN6289D4	• NUT -----	1	H	
	MS28778-4	• PACKING-O RING -----	1	H	
	MS28777-4	• RING-BACK UP -----	1	H	
-70	2307002-227 *	• TUBE ASSEMBLY-EMERGENCY GEAR -----	1	H	
-71		• CONNECTING PARTS			
	AN833-4C	• ELBOW -----	1	H	
	AN6289D4	• NUT -----	1	H	
	MS28778-4	• PACKING-O RING -----	1	H	
	MS28777-4	• RING-BACK UP -----	1	H	
-72	AN815-4C	• UNION -----	1	H	
-73	2307002-226 *	• TUBE ASSEMBLY-EMERGENCY GEAR -----	1	H	
-74		• CONNECTING PARTS			
	AN815-4C	• UNION -----	1	H	
	MS28778-4	• PACKING-O RING -----	1	H	
-75	2307002-233 *	• TUBE ASSEMBLY-EMERGENCY AIR SUPPLY -----	1	J	
-76	AN824-4C	• TEE -----	2	J	
-77	2307002-237 *	• TUBE ASSEMBLY-EMERGENCY AIR SUPPLY -----	1	R	
-78	2307002-232 *	• TUBE ASSEMBLY-EMERGENCY AIR SUPPLY -----	1	J	
-79	2307002-202 *	• TUBE ASSEMBLY-EMERGENCY AIR SUPPLY -----	1	J	
		• BOTTLE INSTALLATION-EMERGENCY AIR -----	1	K	
-80	SEE INDEX 200	• BOTTLE ASSY-AIR -----	1	K	
-81	2317008-017	• STRAP ASSEMBLY -----	1	K	
-82	2317008-001	• SUPPORT ASSEMBLY -----	1	K	
	AN3-12A	A • BOLT -----	2	K	
	NAS43DD3-48	A • SPACER -----	2	K	
	AN960-10	A • WASHER -----	2	K	
-84	MS28889-1	• VALVE-AIR -----	1	K	
-85	AN894C5-4	• BUSHING -----	1	K	
-86	2307002-020 *	• TUBE ASSEMBLY-EMERGENCY AIR FILLER -----	1	K	
-87		• CONNECTING PARTS			
	AN804C4	• TEE -----	1	K	
	AN924-4C	• NUT -----	1	K	
	AN960-716	• WASHER -----	1	K	
	S-140-4	• WASHER-SEAL -----	1	K	
-88	2307002-021 *	• TUBE ASSEMBLY-EMERGENCY AIR SUPPLY -----	1	K	
-89	2307002-231 *	• TUBE ASSEMBLY-EMERGENCY AIR SUPPLY -----	1	K	
-90	SEE FIGURE 91	• VALVE-SHUTTLE -----	REF		
-91	2307002-010 *	• TUBE ASSEMBLY-EMER NOSE GR UPLATCH ACT -----	1		
-92		• CONNECTING PARTS			
	AN837-4C	• ELBOW -----	1		
	AN6289D4	• NUT -----	1		
	MS28777-4	• RING-BACK UP -----	1		
	MS28778-4	• PACKING-O RING -----	1		
-93	AN833-4C	• ELBOW -----	1		024
-94	MS28778-4	• PACKING-O RING -----	5		024
-95	MS28777-4	• RING-BACK UP -----	1		024
	AN6289D4	• NUT -----	1		024
-96	AN937-4C	• CROSS -----	1		024
-97	AN815-4C	• UNION -----	2		024
-98	2380062-001	• VENT-CHECK BLEED -----	1		024
-99	6R7742-0135	• RESTRICTOR -----	2		
-100	2307002-017	• TUBE ASSEMBLY-DRAIN AIR BLEED -----	1		024
-101	AN783C4	• TEE -----	1	025	
	MS28778-4	• PACKING-O RING -----	1	025	
-102	2307002-009 *	• TUBE ASSEMBLY-EMERGENCY NOSE GEAR EXT -----	1		
-103	2307006-003	• HOSE ASSEMBLY-EMERGENCY NOSE GEAR EXT -----	1		
-104	2307002-008 *	• TUBE ASSEMBLY-EMER NOSE GR & UP-LATCH -----	1		
-105		• CONNECTING PARTS			
	AN783C4	• TEE -----	1		
	AN924-4D	• NUT -----	1		
	AN960D716	• WASHER -----	1		
-106	2307002-213 *	• TUBE ASSEMBLY-EMER BRAKE VALVE EXHAUST -----	1		
-107		• CONNECTING PARTS			
	AN832-4D	• UNION -----	1		
	AN924-4D	• NUT -----	1		
	AN960D716	• WASHER -----	1		
-108	2307002-011 *	• TUBE ASSEMBLY-EMER BRAKE VALVE EXHAUST -----	1		
-109	NAS557-4A	• GROMMET -----	1		
-110	2307002-212 *	• TUBE ASSEMBLY-EMERGENCY BRAKES -----	1		
-111		• CONNECTING PARTS			

CONTINUED

A---ATTACHING PARTS

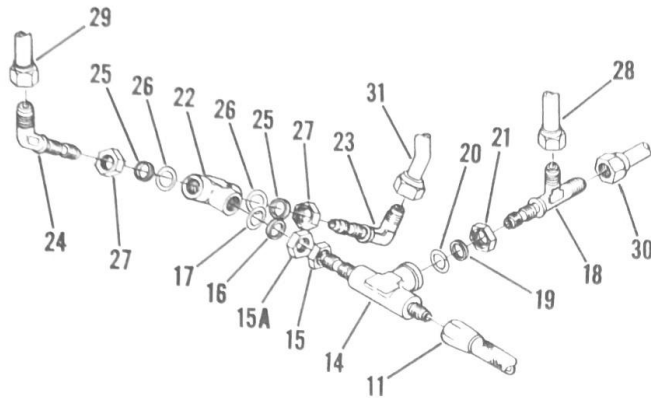
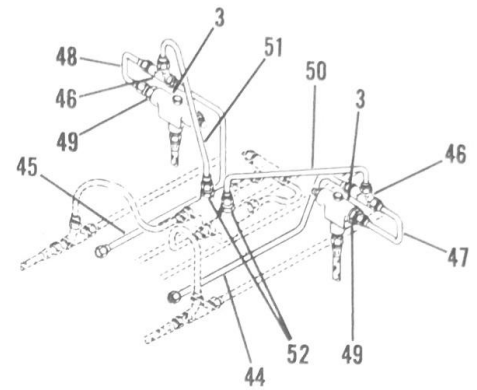
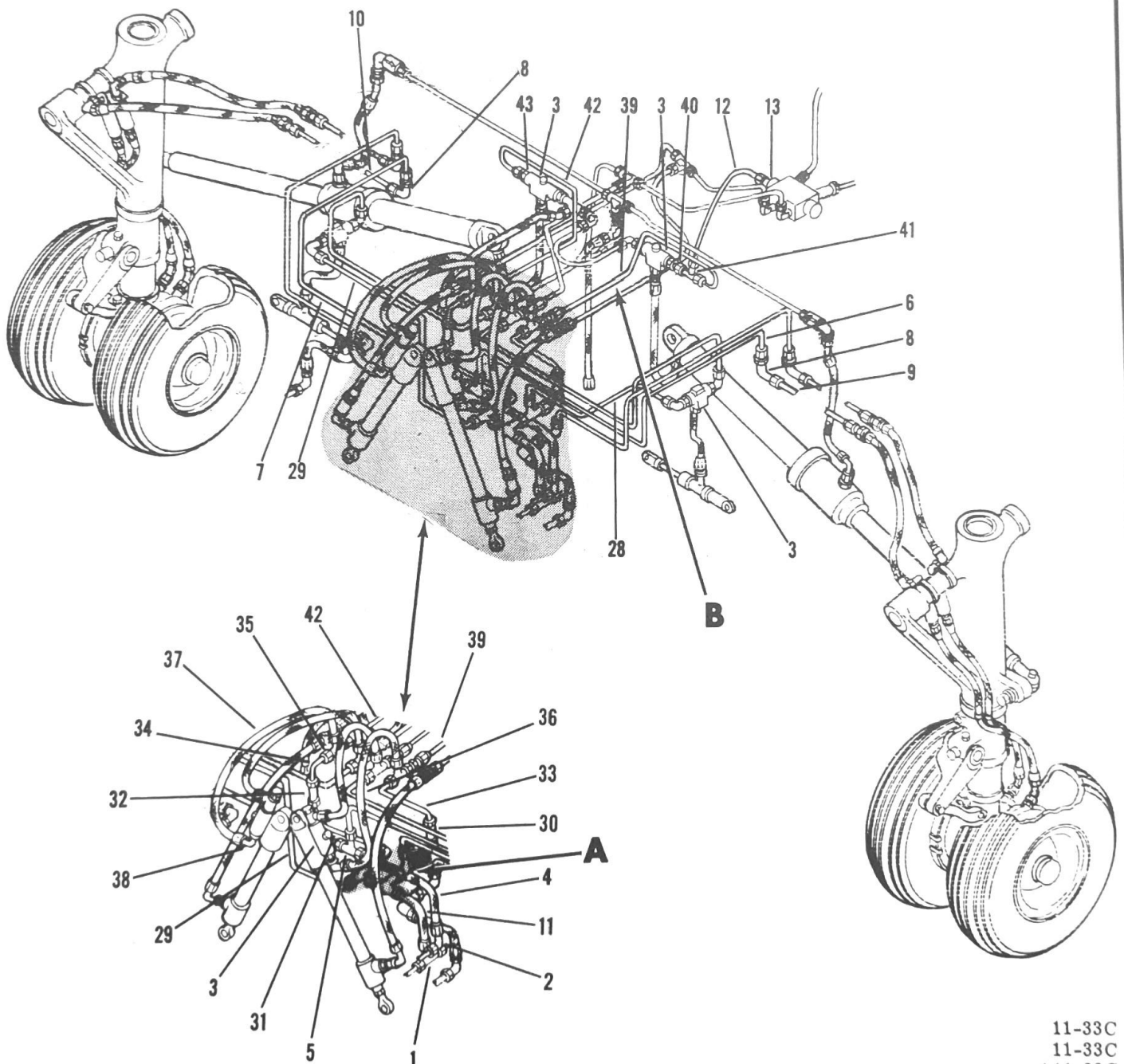


FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
88 -	AN832-4C	. . UNION -----	1		
	AN924-4D	. . NUT -----	1		
	AN960D716	. . WASHER -----	1		
-112	2307002-216	* . TUBE ASSEMBLY-EMERGENCY GEAR EXTEND -----	1		
-113		. CONNECTING PARTS			
	AN833-4C	. . ELBOW -----	1		
	AN924-4D	. . NUT -----	1		
	AN960D716	. . WASHER -----	1		
-114	2307002-109	* . TUBE ASSEMBLY-EMERGENCY BRAKES -----	1	S	
-115	2307002-113	* . TUBE ASSEMBLY-EMERGENCY BRAKES -----	1	T	
-116	2307002-110	* . TUBE ASSEMBLY-EMERGENCY GEAR EXTEND -----	1	S	
-117	2307002-114	* . TUBE ASSEMBLY-EMERGENCY GEAR EXTEND -----	1	T	
-118	AN815-4C	. . UNION -----	2		
-119	2307002-105	* . TUBE ASSEMBLY-EMERGENCY BRAKES -----	1	U	
	2307002-112	* . TUBE ASSEMBLY-EMERGENCY BRAKES -----	1	V	
-120	2307002-116	* . TUBE ASSEMBLY-EMERGENCY BRAKES -----	1	T	
-121	2307002-106	* . TUBE ASSEMBLY-EMERGENCY GEAR EXTEND -----	1	U	
	2307002-111	* . TUBE ASSEMBLY-EMERGENCY GEAR EXTEND -----	1	V	
-122	2307002-115	* . TUBE ASSEMBLY-EMERGENCY GEAR EXTEND -----	1	T	
-123	AN815-4C	. . UNION -----	2		
-124	2307002-107	* . TUBE ASSEMBLY-EMERGENCY BRAKES -----	1		
-125	AN832-4C	. . UNION -----	1		
	AN924-4D	. . NUT -----	1		
	AN960D716	. . WASHER -----	1		
-126	2307002-108	* . TUBE ASSEMBLY-EMERGENCY GEAR EXTEND -----	1		
-127	AN832-4C	. . UNION -----	1		
	AN924-4D	. . NUT -----	1		
	AN960D716	. . WASHER -----	1		
-128	2307002-302	* . TUBE ASSEMBLY-EMERGENCY GEAR EXTEND -----	1	AA	
	2307002-346	* . TUBE ASSEMBLY-EMERGENCY GEAR EXTEND -----	1	AB	
-129	2307002-349	* . TUBE ASSEMBLY-EMERGENCY GEAR EXTEND -----	1	AC	
		. CONNECTING PARTS			
	AN804C4	. . TEE -----	1	AA	
	AN924-4D	. . NUT -----	1	AA	
	AN960D716	. . WASHER -----	1	AA	
-130	AN824-4C	. . TEE -----	1	AD	
-131	SEE FIGURE 89	. HOSE ASSEMBLY-EMERGENCY GEAR EXTEND -----	REF		
-132	2307002-304	* . TUBE ASSEMBLY-EMERGENCY BRAKES -----	1	AA	
	2307002-341	* . TUBE ASSEMBLY-EMERGENCY BRAKES -----	1	AE	
	2307002-351	* . TUBE ASSEMBLY-EMERGENCY BRAKES -----	1	AF	
-133		. CONNECTING PARTS			
	AN833-4C	. . ELBOW -----	1		
	AN924-4D	. . NUT -----	1		
-134	SEE FIGURE 89	. HOSE ASSEMBLY-EMERGENCY BRAKES -----	REF		
-135	2307002-303	* . TUBE ASSEMBLY-GEAR SELECTOR EMERGENCY RE-POSITIONING -----	1	AA	
	2307002-345	* . TUBE ASSEMBLY-GEAR SELECTOR EMERGENCY RE-POSITIONING -----	1	AB	
	2307002-350	* . TUBE ASSEMBLY-GEAR SELECTOR EMERGENCY RE-POSITIONING -----	1	AC	
-136	2307002-411	* . TUBE ASSEMBLY-GEAR SELECTOR EMERGENCY RE-POSITIONING -----	1		
-137		. CONNECTING PARTS			
	AN833-4C	. . ELBOW -----	1		
	AN924-4D	. . NUT -----	1		
	AN960D716	. . WASHER -----	1		
-138	AN821-4C	. . ELBOW -----	1		
-139	2307002-402	* . TUBE ASSEMBLY-GEAR SELECTOR EMERGENCY RE-POSITIONING -----	1		
-140		. CONNECTING PARTS			
	AN833-4C	. . ELBOW -----	1		
	AN924-4D	. . NUT -----	1		
	AN960D716	. . WASHER -----	1		
-141	2307002-408	* . TUBE ASSEMBLY-GEAR SELECTOR EMERGENCY AIR SUPPLY -----	1		039
	2307002-427	* . TUBE ASSEMBLY-GEAR SELECTOR EMERGENCY AIR SUPPLY -----	1		
-142	SEE FIGURE 96	. VALVE-SELECTOR -----	REF	040	W
	SEE FIGURE 97	. VALVE-SELECTOR -----	REF		X
-143	SEE FIGURE 41	. INDICATOR-EMERGENCY AIR -----	REF		L
	SEE FIGURE 42	. INDICATOR-EMERGENCY AIR -----	REF		Y
	SEE FIGURE 42A	. INDICATOR-EMERGENCY AIR -----	REF		Z
-144	AN824-4C	. . TEE -----	1		R
-144A	AN824-4C	. . TEE -----	1		R
-145	SEE FIGURE 29	. ACTUATOR ASSEMBLY-NOSE GEAR -----	REF		
-200	6600194-001	. BOTTLE ASSY-EMERGENCY AIR -----	1		
	6600194-002	. . BOTTLE USE VENDOR ASSY NO 873595-01 OR ALT 2370017-1 -----			
	873595-01	. . BOTTLE REF SPEC CONTROL DWG 6600194-002 -----	1		
	2370017-1	. . BOTTLE REF SPEC CONTROL DWG CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABL
				ON THRU
88 -		6600194-002 TAVCO INC		
		ALT FOR 873595-01 -----	1	
	6600194-003	. . VALVE-RELIEF USE VENDOR ASSY NO		
		840892-07 OR ALT 2394210		
	840892-07	. . VALVE-RELIEF REF SPEC CONTROL DWG		
		6600194-003 -----	1	
	2394210	. . VALVE-RELIEF REF SPEC CONTROL DWG		
		6600194-003 TAVCO INC ALT		
		FOR 840892-07 -----	1	
	MS28778-4	. . PACKING-O RING -----	1	
-250	2417008-001	. KIT-VALVE INSTL EMERGENCY BRAKE -----	1	
		. . COMPONENTS CONSIST OF ITEMS		
-251	2417008-003	IDENTIFIED BY A PLUS SIGN (+) IN THE PART NUMBER COLUMN		
		. KIT-VALVE INSTL EMERGENCY BRAKE -----	1	
		. . COMPONENTS CONSIST OF ITEMS		
		IDENTIFIED BY A POUND SIGN (#) IN THE PART NUMBER COLUMN		
* USE AP50N-4 FITTING SEALS TO CONNECT TUBE ASSYS FLAGGED WITH AN ASTERISK *				
	A	015 THRU 069 EXCEPT A/C WITH FD-108 OR EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 277 OR ECR 381		
	B	015 THRU 024 EXCEPT A/C WITH FD-108 OR EXCEPT A/C MOD PER ECR 233, ECR 277 OR ECR 381		
	C	003 THRU 024 EXCEPT A/C MOD PER SK23-43B ECR 233, ECR 277 OR ECR 381		
	D	003 THRU 024 WHEN A/C IS MOD PER SK23-43B EXCEPT A/C MOD PER ECR 233 ECR 277 OR ECR 381		
	E	003 THRU 014 EXCEPT A/C MOD PER SK23-43B OR ECR 233		
	F	015 THRU 024 EXCEPT A/C MOD PER SK23-43B ECR 233, ECR 277 OR ECR 381		
	G	025 THRU 069 EXCEPT A/C WITH FD-108 OR EXCEPT A/C MOD PER ECR 233 OR ECR 230		
	H	025 & ON & A/C MOD PER SK23-43B OR A/C MOD PER ECR 233, ECR 277 OR ECR 381		
	J	025 THRU 069 WHEN A/C IS EQUIPPED WITH FD108 & A/C MOD PER ECR 233, ECR 230, ECR 277 OR ECR 381		
	K	070 & ON & A/C WITH FD-108 & A/C MOD PER ECR 233, ECR 230, ECR 277 OR ECR 381		
	L	003 THRU 014 EXCEPT A/C MOD PER ECR 233		
	M	003 THRU 024 EXCEPT A/C MOD PER ECR 233 ECR 277 OR ECR 381		
	N	003 THRU 069 EXCEPT A/C MOD PER ECR 233 ECR 230, ECR 277 OR ECR 381		
	P	015 & ON & A/C MOD PER ECR 233		
	Q	025 & ON & A/C MOD PER ECR 233 ECR 277 OR ECR 381		
	R	070 & ON & A/C MOD PER ECR 233, ECR 230 ECR 277 OR ECR 381		
	S	003 THRU 049 EXCEPT A/C MOD PER ECR 233 ECR 230, ECR 277 OR ECR 381		
	T	050 & ON & A/C MOD PER ECR 233, ECR 230 ECR 277 OR ECR 381		
	U	003 THRU 021 EXCEPT A/C MOD PER ECR 233 ECR 277 OR ECR 381		
	V	022 THRU 049 EXCEPT A/C MOD PER ECR 233 OR ECR 230		
	W	003 THRU 039 EXCEPT A/C MOD PER ECR 233 ECR 277 OR ECR 381		
	X	040 & ON & A/C MOD PER ECR 233 ECR 277 OR ECR 381		
	Y	015 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381		
	Z	003 & ON WHEN MOD PER ECR 233, ECR 230 ECR 227, ECR 277 OR ECR 381		
	AA	003 THRU 017 EXCEPT A/C MOD PER ECR 233 OR ECR 277		
	AB	018 THRU 069 EXCEPT A/C MOD PER ECR 233, ECR 230 OR ECR 381		
	AC	070 & ON & A/C MOD PER ECR 233, ECR 230, ECR 277 OR ECR 381		
	AD	018 & ON & A/C MOD PER ECR 233		
CONTINUED				
A---ATTACHING PARTS				



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
88 -		OR ECR 277			
	AE	018 THRU 069 EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS			
	AF	070 & ON & A/C EQUIPPED WITH EJECTOR FUEL PUMPS			
	AG	USED ON 6600060-001, 6600060-002, 893018-01, 893018-02 & 2380009-012 VALVE ASSY			
	AH	USED ON 6600060-004 & 52590-2 VALVE ASSY			
	AJ	USED ON 6600060-001, 6600060-002, 893018-01 & 893018-02 VALVE ASSY			
	AK	USED ON 2380009-012 VALVE ASSY			
	AL	USED ON 6600060-004 & 53590-2 VALVE ASSY			
	AM	USED ON 6600078-001 & 890439 VALVE ASSY			
	AN	USED ON 6600078-003 & 53620-1 VALVE ASSY			
		A---ATTACHING PARTS			

**Detail A****Detail B**

11-33C  
11-33C  
A11-33C  
B11-33C

**Figure 89. Main Landing Gear Pneumatic Installation**

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
89 -		MAIN LANDING GEAR PNEUMATIC INSTALLATION			
-1	SEE FIGURE 88	• TEE-EMERGENCY GEAR EXTEND -----	REF		
-2	SEE FIGURE 88	• ELBOW-EMERGENCY BRAKES -----	REF		
-3	SEE FIGURE 92	• VALVE-SHUTTLE -----	REF		
-4	2307006-012	• HOSE ASSY-EMERGENCY AIR BRAKE LH -----	1	A	
-5	2307006-056	• HOSE ASSY-EMERGENCY AIR BRAKE LH -----	1	B	
		• CONNECTING PARTS			
	AN804C4	• • TEE -----	1		
	AN960D716	• • WASHER -----	1		
	AN924-4D	• • NUT -----	1		
-6	2307002-327	• TUBE ASSEMBLY-EMERGENCY AIR BRAKE LH -----	1		
-7	2307002-328	• TUBE ASSEMBLY-EMERGENCY AIR BRAKE RH -----	1		
-8		• CONNECTING PARTS			
	AN833-4C	• • ELBOW -----	2		
	AN960D716	• • WASHER -----	2		
	AN924-4D	• • NUT -----	2		
-9	SEE FIGURE 99	• TUBE ASSEMBLY-EMERGENCY AIR BRAKE LH -----	REF		
-10	SEE FIGURE 99A	• TUBE ASSEMBLY-EMERGENCY AIR BRAKE RH -----	REF		
-11	2307006-013	• HOSE ASSEMBLY-EMERGENCY GEAR EXTEND -----	1	A	
	2307006-057	• HOSE ASSEMBLY-EMERGENCY GEAR EXTEND -----	1	B	
		FOR SPARES USE 2307006-114 -----	1	G	
-12	2307006-114	• HOSE ASSEMBLY-EMERGENCY GEAR EXTEND -----	1	C	
-13	2307002-348	• TUBE ASSEMBLY-EMERGENCY MAIN GEAR -----	1	C	
		• CONNECTING PARTS			
	AN815-4C	• • UNION -----	1	C	
	MS28778-4	• • PACKING-O RING -----	1	C	
-14	AN783C4	• TEE -----	1		
-15	2327011-014	• NUT -----	1		
-15A	2327011-015	• NUT -----	1		
-16	MS28777-4	• RING-BACK UP -----	1		
-17	MS28778-4	• PACKING-O RING -----	1		
-18	AN804C4	• TEE -----	1		
-19	MS28777-4	• RING-BACK UP -----	1		
-20	MS28778-4	• PACKING-O RING -----	1		
-21	AN924-4D	• NUT -----	1		
-22	AN938-4C	• TEE -----	1		
-23	AN833-4C	• ELBOW -----	1		
-24	AN837-4C	• ELBOW -----	1		
-25	MS28777-4	• RING-BACK UP -----	2		
-26	MS28778-4	• PACKING-O RING -----	2		
-27	AN6289D4	• NUT -----	2		
-28	2307002-329	• TUBE ASSEMBLY-EMERGENCY UP-LATCH LH -----	1		
-29	2307002-330	• TUBE ASSEMBLY-EMERGENCY UP-LATCH RH -----	1		
-30	2307002-335	• TUBE ASSEMBLY-EMERGENCY M GEAR EXT LH -----	1		
-31	2307002-336	• TUBE ASSEMBLY-EMERGENCY M GEAR EXT RH -----	1		
-32	6R7642S-0135	• RESTRICTOR-ONE WAY -----	2		
-33	2307002-333	• TUBE ASSEMBLY-EMERGENCY M GEAR EXT LH -----	1		
-34	2307002-334	• TUBE ASSEMBLY-EMERGENCY M GEAR EXT RH -----	1		
-35		• CONNECTING PARTS			
	AN804C4	• • TEE -----	2		
	AN6289D4	• • NUT -----	2		
	AN960D716	• • WASHER -----	2		
-36	2307006-019	• HOSE ASSEMBLY-EMERGENCY AIR ACT LH -----	1		
-37	2307006-020	• HOSE ASSEMBLY-EMERGENCY AIR ACT RH -----	1		
-38		• CONNECTING PARTS			
	AN833-4D	• • ELBOW -----	2		
	AN6289D4	• • NUT -----	2		
	MS28777-4	• • RING-BACK UP -----	2		
	MS28778-4	• • PACKING-O RING -----	2		
-39	2307002-331	• TUBE ASSEMBLY-EMERGENCY MAIN GEAR LH -----	1	D	
	2307002-347	• TUBE ASSEMBLY-EMERGENCY MAIN GEAR LH -----	1	C	
		• CONNECTING PARTS			
-40	AN919-6C	• • REDUCER -----	1	D	
	MS28778-6	• • PACKING-O RING -----	1	D	
-41	AN804C4	• • TEE -----	1	C	
	AN893-2C	• • REDUCER -----	1	C	
	AN6289D4	• • NUT -----	1	C	
	MS28777-4	• • RING-BACK UP -----	1	C	
	MS28778-4	• • PACKING-O RING -----	1	C	
-42	2307002-332	• TUBE ASSEMBLY-EMERGENCY MAIN GEAR RH -----	1	E	
-43		• CONNECTING PARTS			
	AN919-6C	• • REDUCER -----	1	E	
	MS28778-6	• • PACKING-O RING -----	1	F	
-44	2481016-014	• TUBE ASSY-EMERGENCY MAIN GEAR LH -----	1	F	
-45	2481016-020	• TUBE ASSY-EMERGENCY MAIN GEAR RH -----	1	F	
-46	AN824-4C	• TEE -----	2	F	
-47	2481016-016	• TUBE ASSY-EMERGENCY MAIN GEAR LH -----	1	F	
-48	2481016-022	• TUBE ASSY-EMERGENCY MAIN GEAR RH -----	1	F	
-49		• CONNECTING PARTS			
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
89 -	AN919-6C	• • REDUCER -----	2	F	
-50	MS28778-6	• • PACKING-O RING -----	2	F	
-51	2481016-018	• TUBE ASSY-EMERGENCY AIR LH -----	1	F	
-52	2481016-024	• TUBE ASSY-EMERGENCY AIR RH -----	1	F	
		• CONNECTING PARTS			
	AN919-6C	• • REDUCER -----	2	F	
	MS28778-6	• • PACKING-O RING -----	2	F	
-53	SEE FIGURE 92	• VALVE-HYDRAULIC RETURN -----	REF	F	
		* USE AP50N-4 FITTING SEALS TO CONNECT TUBE ASSYS FLAGGED WITH AN ASTERISK *			
	A	003 THRU 069 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 277, ECR 381, ECR 392 OR ECR 401			
	B	070 & ON & A/C MOD PER ECR 233, ECR 230, ECR 277, ECR 381, ECR 392 OR ECR 401			
	C	080 & ON & A/C MOD PER ECR 233, ECR 230 ECR 227, ECR 277 OR ECR 381			
	D	003 THRU 079 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381 OR SK23/24-296			
	E	003 THRU 079 EXCEPT A/C MOD PER 23/24-296			
	F	003 THRU 079 WHEN MOD PER SK23/24-296			
	G	SPARE FOR 2307006-057			
		A---ATTACHING PARTS			

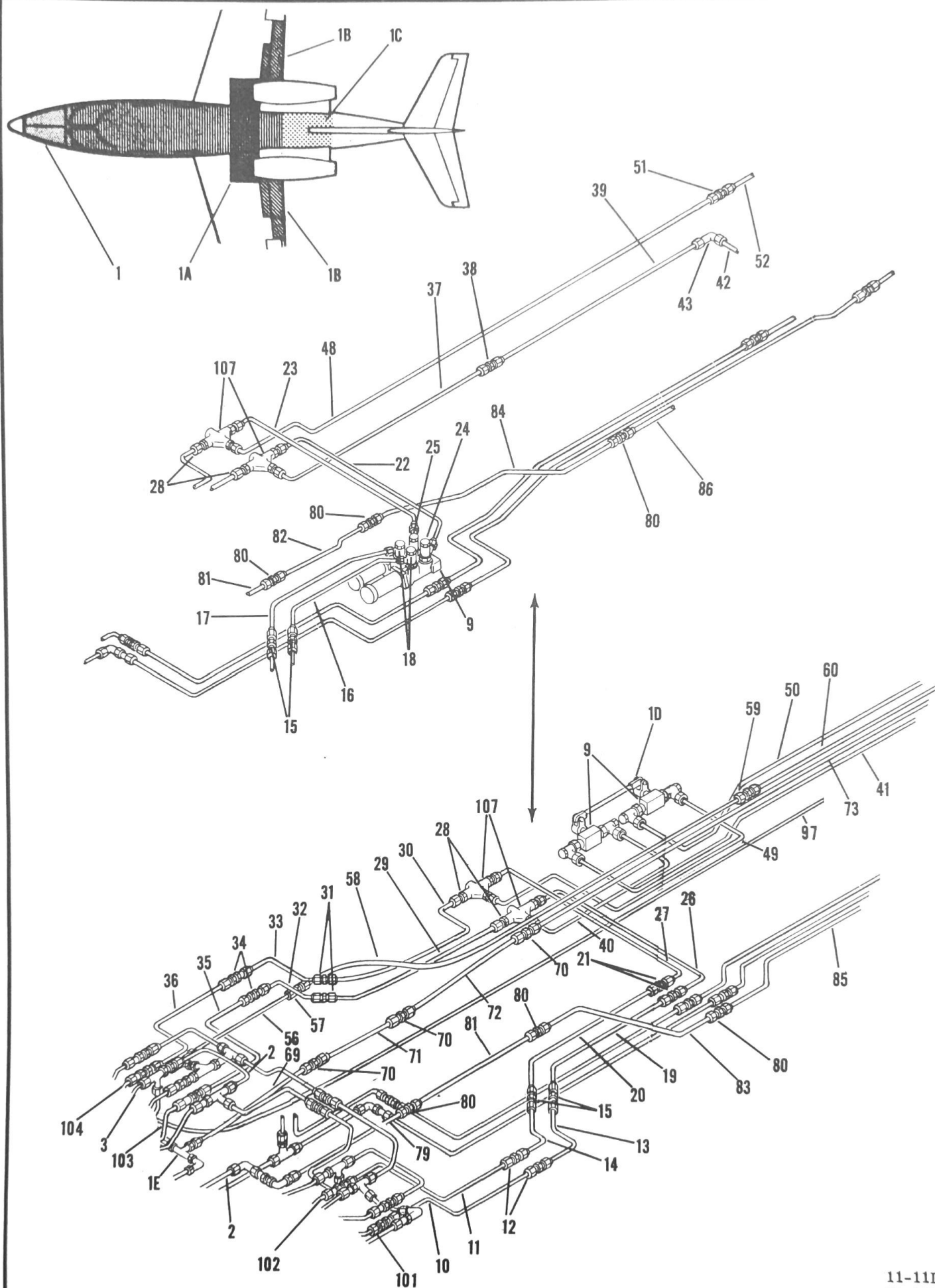
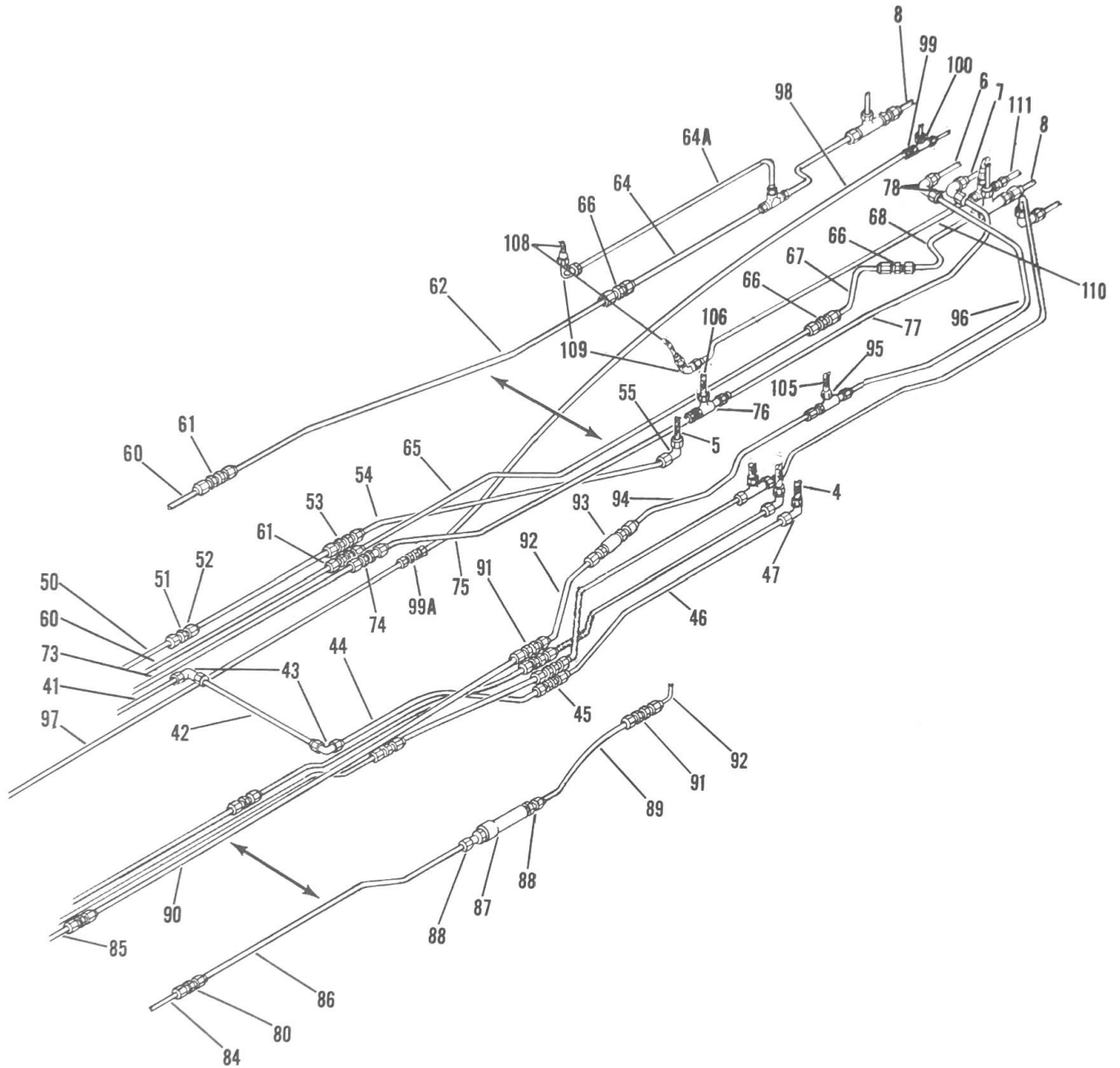


Figure 90. Hydraulic System Installation (Sheet 1 of 2)

11-11D  
11-11D



11-11D

Figure 90. Hydraulic System Installation (Sheet 2 of 2)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
90 -		HYDRAULIC SYSTEM INSTALLATION			
-1	SEE FIGURE 91	• HYDRAULIC INSTALLATION-NOSE SECTION -----	1		
-1A	SEE FIGURE 92	• HYDRAULIC INSTALLATION-MAIN LGG GEAR & WHEEL WELL -----	1		
-1B	SEE FIGURE 94	• HYDRAULIC INSTALLATION-FLAP & SPOILER -----	1		
-1C	SEE FIGURE 96	• HYDRAULIC INSTALLATION-TAILCONE -----	1		
-1D	SEE FIGURE 97	• VALVE INSTALLATION-PARKING BRAKE -----	1		
-1E	SEE FIGURE 91	• TEE -----	REF		
-2	SEE FIGURE 91	• ELBOW NOSE GEAR RETRACT -----	REF		
-3	SEE FIGURE 91	• TUBE ASSEMBLY-BRAKE RETURN -----	REF		
-4	SEE FIGURE 92	• HOSE ASSEMBLY-BRAKE LH -----	REF		
-5	SEE FIGURE 92	• HOSE ASSEMBLY-BRAKE RH -----	REF		
-6	SEE FIGURE 96	• TUBE ASSEMBLY-GEAR RETRACT -----	REF		
-7	SEE FIGURE 97	• TUBE ASSEMBLY-GEAR EXTEND -----	REF		
-8	SEE FIGURE 96	• TUBE ASSEMBLY-BRAKE RETURN -----	REF		
-9	SEE FIGURE 98	• VALVE-PARKING BRAKE -----	REF		
-10	2307003-101	• TUBE ASSEMBLY-PILOTS BRAKE LH -----	1		
-11	2307003-102	• TUBE ASSEMBLY-PILOTS BRAKE RH -----	1		
-12		• CONNECTING PARTS			
	AN832-4D	• UNION -----	2		
	AN924-4D	• NUT -----	2		
	AN960D716	• WASHER -----	2		
-13	2307003-103	• TUBE ASSEMBLY-PILOTS BRAKE LH -----	1		
-14	2307003-104	• TUBE ASSEMBLY-PILOTS BRAKE RH -----	1		
-15	AN815-4D	• UNION -----	2		
-16	2307003-105	• TUBE ASSEMBLY-PILOTS BRAKE LH -----	1	E	
-17	2307003-106	• TUBE ASSEMBLY-PILOTS BRAKE RH -----	1	E	
-18		• CONNECTING PARTS			
	AN776-4D	• ELBOW -----	2	E	
	AN775-4D	• BOLT -----	2	E	
	AN901-4A	• GASKET -----	4	E	
-19	2307003-138	• TUBE ASSEMBLY-PILOTS BRAKE LH -----	1	F	
-20	2307003-139	• TUBE ASSEMBLY-PILOTS BRAKE RH -----	1	F	
-21	AN815-4D	• UNION -----	2	F	
-22	2307003-107	• TUBE ASSEMBLY-PILOTS BRAKE LH -----	1	E	
-23	2307003-108	• TUBE ASSEMBLY-PILOTS BRAKE RH -----	1	E	
-24		• CONNECTING PARTS			
	AN776-4D	• ELBOW -----	1	E	
	AN775-4D	• BOLT -----	1	E	
	AN901-4A	• GASKET -----	2	E	
-25	AN777-4D	• ELBOW -----	1	E	
	AN775-4D	• BOLT -----	1	E	
	AN901-4A	• GASKET -----	2	E	
-26	2307003-140	• TUBE ASSEMBLY-PILOTS BRAKE LH -----	1	F	
-27	2307003-141	• TUBE ASSEMBLY-PILOTS BRAKE RH -----	1	F	
-28	AN815-4D	• UNION -----	6		
	MS28778-4	• PACKING-O RING -----	6		
-29	2307003-113	• TUBE ASSEMBLY-CO PILOTS BRAKE LH -----	1		
-30	2307003-114	• TUBE ASSEMBLY-CO PILOTS BRAKE RH -----	1		
-31	AN815-4D	• UNION -----	2		
-32	2307003-111	• TUBE ASSEMBLY-CO PILOTS BRAKE LH -----	1		
-33	2307003-112	• TUBE ASSEMBLY-CO PILOTS BRAKE RH -----	1		
-34		• CONNECTING PARTS			
	AN832-4D	• UNION -----	2		
	AN924-4D	• NUT -----	2		
	AN960D716	• WASHER -----	2		
-35	2307003-109	• TUBE ASSEMBLY-CO PILOTS BRAKE LH -----	1		
-36	2307003-110	• TUBE ASSEMBLY-CO PILOTS BRAKE RH -----	1		
-37	2307003-115	• TUBE ASSEMBLY-BRAKE LH -----	1	E	
-38	AN815-4D	• UNION -----	1	E	
-39	2307003-117	• TUBE ASSEMBLY-BRAKE LH -----	1	E	
-40	2307003-142	• TUBE ASSEMBLY-BRAKE LH -----	1	F	
-41	2307003-144	• TUBE ASSEMBLY-BRAKE LH -----	1	F	
-42	2307003-119	• TUBE ASSEMBLY-BRAKE LH -----	1		
-43	AN821-4D	• ELBOW -----	2		
-44	2307003-121	• TUBE ASSEMBLY-BRAKE LH -----	1		
-45		• CONNECTING PARTS			
	AN832-4D	• UNION -----	1		
	AN924-4D	• NUT -----	1		
	AN960D716	• WASHER -----	1		
	S-140-4	• WASHER-SEAL -----	1		
-46	2307003-309	• TUBE ASSEMBLY-BRAKE LH -----	1	G	
	2307003-386	• TUBE ASSEMBLY-BRAKE LH -----	1	S	
	2307023-348	• TUBE ASSEMBLY-BRAKE LH -----	1	T	
-47		• CONNECTING PARTS			
	AN833-4D	• ELBOW -----	1		
		CONTINUED			
		A---ATTACHING PARTS			



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
90 -	AN924-40	• NUT -----	1		
-48	2307003-116	• TUBE ASSEMBLY-BRAKE RH -----	1	E	
-49	2307003-143	• TUBE ASSEMBLY-BRAKE RH -----	1	F	
-50	2307003-149	• TUBE ASSEMBLY-BRAKE RH -----	1	F	
-51	AN815-40	• UNION -----	1		
-52	2307003-118	• TUBE ASSEMBLY-BRAKE RH -----	1		
-53		• CONNECTING PARTS -----			
	AN832-40	• UNION -----	1		
	AN924-40	• NUT -----	1		
	AN9600716	• WASHER -----	1		
	S-140-4	• WASHER-SEAL -----	1		
-54	2307003-301	• TUBE ASSEMBLY-BRAKE RH -----	1	K	
-55	2307023-353	• TUBE ASSEMBLY-BRAKE RH -----	1	J	
		• CONNECTING PARTS -----			
	AN833-40	• ELBOW -----	1	K	
	AN821-40	• ELBOW -----	1	J	
	AN924-40	• NUT -----	1	K	
	AN9600716	• WASHER -----	1	K	
-56	2307003-125	• TUBE ASSEMBLY-BRAKE RETURN -----	1		
-57	AN815-60	• UNION -----	1		
-58	2307003-126	• TUBE ASSEMBLY-BRAKE RETURN -----	1	E	
	2307003-146	• TUBE ASSEMBLY-BRAKE RETURN -----	1	F	
-59	AN815-60	• UNION -----	1		
-60	2307003-127	• TUBE ASSEMBLY-BRAKE RETURN -----	1		
-61		• CONNECTING PARTS -----			
	AN832-60	• UNION -----	1		
	AN924-60	• NUT -----	1		
	AN9600916	• WASHER -----	1		
	S-140-6	• WASHER-SEAL -----	1		
-62	2307003-302	• TUBE ASSEMBLY-BRAKE RETURN -----	1	G	
-64	2307003-303	• TUBE ASSEMBLY-BRAKE RETURN -----	1	V	
	2481016-034	• TUBE ASSEMBLY-BRAKE RETURN -----	1	W	
	AN824-60	• TEE -----	1	W	
	2481016-032	• TUBE ASSEMBLY-BRAKE RETURN -----	1	W	
-64A	2481016-030	• TUBE ASSY-INBD GEAR DOOR BLOWDOWN VALVE RETURN -----	1	W	
-65	2307003-397	• TUBE ASSEMBLY-BRAKE RETURN -----	1	S	
	2307024-344	• TUBE ASSEMBLY-BRAKE RETURN -----	1	U	
-66	AN815-60	• UNION -----	1		
-67	2307003-396	• TUBE ASSEMBLY-BRAKE RETURN -----	1	S	
	2307024-343	• TUBE ASSEMBLY-BRAKE RETURN -----	1	U	
	2307023-350	• TUBE ASSEMBLY-BRAKE RETURN -----	1	AA	
-68	2307003-395	• TUBE ASSEMBLY-BRAKE RETURN -----	1	S	
	2307023-351	• TUBE ASSEMBLY-BRAKE RETURN -----	1	T	
-69	2307003-120	• TUBE ASSEMBLY-GEAR EXTEND -----	1	L	
	2307003-134	• TUBE ASSEMBLY-GEAR EXTEND -----	1	M	
-70	AN815-60	• UNION -----	3		
-71	2307003-122	• TUBE ASSEMBLY-GEAR EXTEND -----	1		
-72	2307003-123	• TUBE ASSEMBLY-GEAR EXTEND -----	1		
-73	2307003-124	• TUBE ASSEMBLY-GEAR EXTEND -----	1	E	
	2307003-145	• TUBE ASSEMBLY-GEAR EXTEND -----	1	F	
-74	AN832-60	• UNION -----	1		
	AN924-60	• NUT -----	1		
	AN9600916	• WASHER -----	1		
	S-140-6	• WASHER-SEAL -----	1		
-75	2307003-304	• TUBE ASSEMBLY-GEAR EXTEND -----	1	G	
	2307003-394	• TUBE ASSEMBLY-GEAR EXTEND -----	1	H	
	2307023-349	• TUBE ASSEMBLY-GEAR EXTEND -----	1	J	
-76		• CONNECTING PARTS -----			
	AN919-120	• REDUCER -----	1		
	AN78408	• TEE -----	1		
	MS28778-8	• PACKING-O RING -----	1		
-77	2307003-305	• TUBE ASSEMBLY-GEAR EXTEND -----	1		
-78	AN833-80	• ELBOW -----	2		
-79	2307003-128	• TUBE ASSEMBLY-GEAR RETRACT -----	1	L	
	2307003-135	• TUBE ASSEMBLY-GEAR RETRACT -----	1	M	
-80	AN815-60	• UNION -----	4		
-81	2307003-129	• TUBE ASSEMBLY-GEAR RETRACT -----	1		
-82	2307003-130	• TUBE ASSEMBLY-GEAR RETRACT -----	1	E	
-83	2307003-147	• TUBE ASSEMBLY-GEAR RETRACT -----	1	F	
-84	2307003-131	• TUBE ASSEMBLY-GEAR RETRACT -----	1	F	
-85	2307003-148	• TUBE ASSEMBLY-GEAR RETRACT -----	1	F	
-86	2307003-136	• TUBE ASSEMBLY-GEAR RETRACT -----	1		
-87	SEE FIGURE 98B	• VALVE ASSY-NOSE GEAR RETRACT PRIORITY -----	REF	AB	025
	2307003-136	• TUBE ASSEMBLY-GEAR RETRACT -----	1	N	
-88		• CONNECTING PARTS -----			
	AN919-120	• REDUCER -----	2	N	
	MS28778-8	• PACKING-O RING -----	2	N	
-89	2307003-137	• TUBE ASSEMBLY-GEAR RETRACT -----	1	N	
-90	2307003-150	• TUBE ASSEMBLY-GEAR RETRACT -----	1	P	
-91		• CONNECTING PARTS -----			
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
90 -	AN832-6D AN78404 AN929-6 MS28778-6 AN924-6D AN9600916 S-140-6	. . UNION ----- . . TEE ----- . . CAP ----- . . PACKING-O RING ----- . . NUT ----- . . WASHER ----- . . WASHER-SEAL -----	1 1 1 1 1 1 1	K J J J	
-92	2307003-385	. TUBE ASSEMBLY-GEAR RETRACT -----	1	K	
-93	1R3665-035	. RESTRICTOR -----	1		
-94	2307003-311 2307003-387 2307024-301	. TUBE ASSEMBLY-GEAR RETRACT ----- . TUBE ASSEMBLY-GEAR RETRACT ----- . TUBE ASSEMBLY-GEAR RETRACT -----	1 1 1	G H T	
-95	AN919-12D AN78408 MS28778-8	. CONNECTING PARTS ----- . . REDUCER ----- . . TEE ----- . . PACKING-O RING -----	1 1 1 1		
-96	2307003-308 2307023-347	. TUBE ASSEMBLY-GEAR RETRACT ----- . TUBE ASSEMBLY-GEAR RETRACT -----	1 1	K J	
-97	SEE FIGURE 91	. LINE-CAPILLARY HYD PRESSURE -----	REF	Q	
-98	Z680-110 Z680-86	. LINE-CAPILLARY HYD PRESSURE ----- . LINE-CAPILLARY HYD PRESSURE WHEN EXHAUSTED USE 401-200-86 -----	1 1	R	076
-99	401-200-86	. LINE-CAPILLARY HYD PRESSURE ALT FOR Z680-86 -----	1		076
-99A	ZF304	. CONNECTING PARTS -----	1	Q	
-100	AN910-1D ZF432-1	. . UNION ----- . . COUPLING ----- . . FITTING-BULKHEAD -----	1 1 1	Q Q Q	
-101	SEE FIGURE 96	. TEE FLAP PRESSURE -----	REF		
-102	SEE FIGURE 97	. TUBE ASSEMBLY-PILOTS BRAKE LH -----	REF		
-103	SEE FIGURE 91	. TUBE ASSEMBLY-PILOTS BRAKE RH -----	REF		
-104	SEE FIGURE 91	. TUBE ASSEMBLY-CO PILOTS BRAKE LH -----	REF		
-105	SEE FIGURE 91	. TUBE ASSEMBLY-CO PILOTS BRAKE RH -----	REF		
-106	SEE FIGURE 92	. HOSE ASSEMBLY-GEAR RETRACT -----	REF		
-107	SEE FIGURE 92 SEE FIGURE 98A NAS221-23	. HOSE ASSEMBLY-GEAR EXTEND ----- . VALVE ASSY-PARKING BRAKE SHUTTLE -----	REF REF	AB	
-108	SEE FIGURE 92	A . SCREW ----- . HOSE ASSY-INBD GEAR DOOR BLOWDOWN VALVE RETURN -----	4 REF		
-109	AN837-4D	. ELBOW -----	1	Z	
-110	2481016-028	. TUBE ASSY-INBD GEAR DOOR BLOWDOWN VALVE RETURN -----	1	X	
-111	SEE FIGURE 96 SEE FIGURE 97	. TUBE ASSEMBLY-FLAP RETURN -----	REF		
E		003 THRU 049 EXCEPT A/C MOD PER ECR 233 ECR 230, ECR 277 OR ECR 381			
F		050 & ON & A/C MOD PER ECR 233 OR ECR 230, ECR 277 OR ECR 381			
G		003 THRU 017 EXCEPT A/C MOD PER ECR 233 ECR 277 OR ECR 392			
H		018 THRU 069 EXCEPT A/C MOD PER ECR 233 ECR 230 OR ECR 381			
J		070 & ON & A/C MOD PER ECR 233 OR ECR 230, ECR 277 OR ECR 381			
K		003 THRU 069 EXCEPT A/C MOD PER ECR 233 ECR 230, ECR 277 OR ECR 381			
L		003 THRU 010 EXCEPT A/C MOD PER ECR 233			
M		011 & ON & A/C MOD PER ECR 233			
N		003 THRU 025 EXCEPT A/C MOD PER ECR 233 ECR 277 OR ECR 381			
P		026 & ON & A/C MOD PER ECR 233 ECR 277 OR ECR 381			
Q		015 & ON & A/C MOD PER ECR 233			
R		015 THRU 075 & A/C MOD PER ECR 233			
S		018 THRU 069 EXCEPT A/C EQUIPPED WITH EJECTOR, FUEL PUMPS			
T		070 & ON & A/C EQUIPPED WITH EJECTOR FUEL PUMPS			
U		018 THRU 069 WHEN EQUIPPED WITH EJECTOR PUMPS IN WING ONLY & 040 THRU 069 WHEN MOD PER ECR 354			
V		003 THRU 017 EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS OR MOD PER SK23/24-296			
CONTINUED					
A---ATTACHING PARTS					

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION							UNITS PER ASSY	USABLE ON	
										THRU	
90 -		W	003	THRU	009	WHEN	MOD	PER	SK23/24-296		
		X	010	THRU	079	WHEN	MOD	PER	SK23/24-296		
		Z	003	THRU	079	WHEN	MOD	PER	SK23/24-296		
		AA	070	&	ON	&	A/C	EQUIPPED	WITH	EJECTOR	
			PUMPS	EXCEPT	A/C	EQUIPPED	WITH	EJECTOR			
			FUEL	PUMPS	IN	WING	ONLY	OR	A/C	MOD	PER
		AB	ECR	354							
			SEE REF FIGURE FOR USAGE								
			A---ATTACHING PARTS								

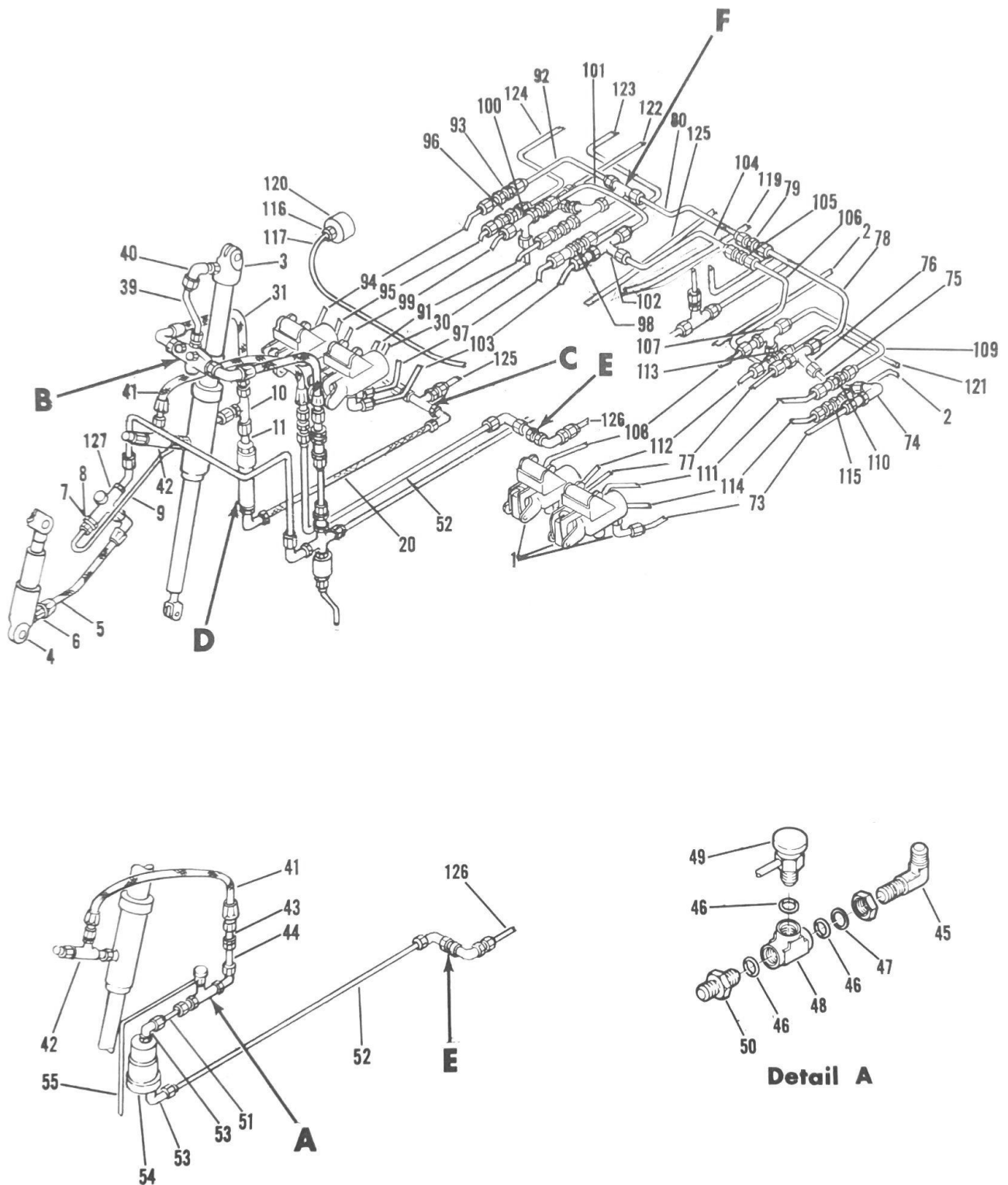
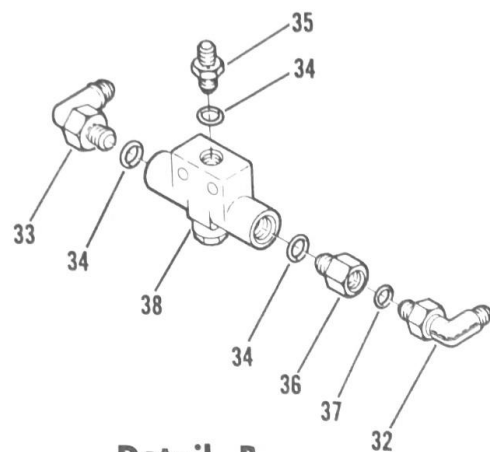
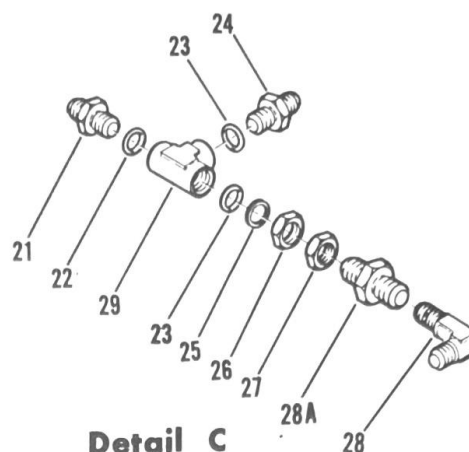
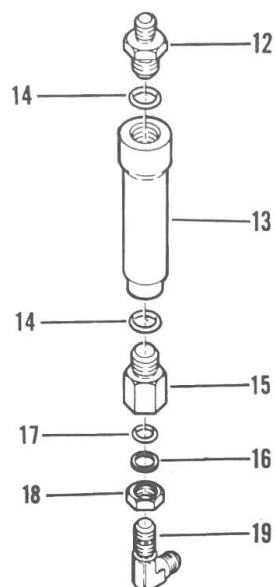
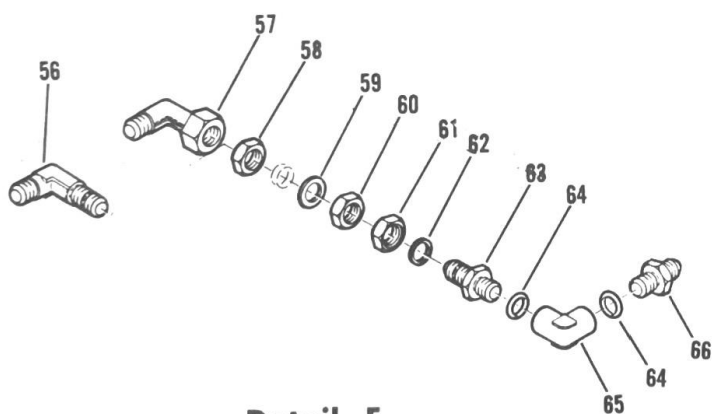
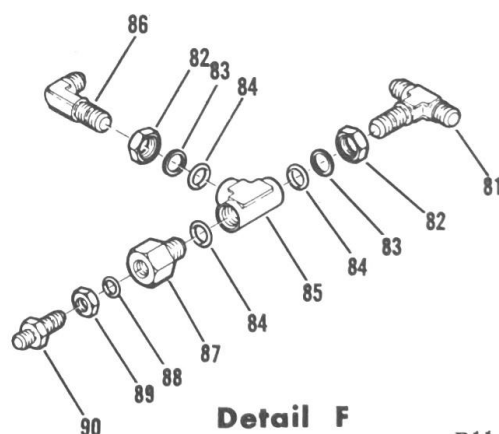


Figure 91. Nose Section Hydraulic Installation (Sheet 1 of 2)

11-11D  
11-11D  
A11-15C

**Detail B****Detail C****Detail D****Detail E****Detail F**

B11-15C  
C11-15C  
D11-15C  
E11-15C  
F11-15C

Figure 91. Nose Section Hydraulic Installation (Sheet 2 of 2)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
91 -		NOSE SECTION HYDRAULIC INSTALLATION			
-1	SEE FIGURE 73	• VALVE-BRAKE -----	REF		
-2	SEE FIGURE 90	• TUBE ASSEMBLY-PILOTS BRAKE LH -----	REF		
-3	SEE FIGURE 29	• ACTUATOR ASSEMBLY-NOSE GEAR -----	REF		
-4	SEE FIGURE 31	• ACTUATOR-NOSE GEAR LATCH -----	REF		
-5	2307006-046	• HOSE ASSEMBLY-NOSE GR DOOR LOCK ACT -----	1		
-6		• CONNECTING PARTS			
	AN832-4D	• • UNION -----	1	C	
	AN837-4D	• • ELBOW -----	1	D	
	MS28778-4	• • PACKING-O RING -----	1		
	MS28777-4	• • RING-BACK UP -----	1	D	
	AN6289D4	• • NUT -----	1	D	
-7	AN815-4D	• UNION -----	2		
-8	MS28778-4	• PACKING-O RING -----	2		
-9	2307003-023	• TUBE ASSEMBLY-NOSE GEAR UPLATCH ACT -----	1		
-10		• CONNECTING PARTS			
	AN783D6	• • TEE -----	1		
	AN924-6D	• • NUT -----	1		
	AN919-6D	• • REDUCER -----	1		
	AN960D916	• • WASHER -----	1		
	MS28778-6	• • PACKING-O RING -----	1		
-11	2307003-047	• TUBE ASSEMBLY-NOSE GEAR EXTEND -----	1	E	
-12	AN919-12D	• REDUCER -----	1	E	
	AN893-12D	• REDUCER -----	1	F	
	MS28778-6	• PACKING-O RING -----	1	F	
-13	SEE FIGURE 98B	• VALVE ASSY-NOSE GEAR EXTEND PRIORITY -----	REF	Z	
-14	MS28778-8	• PACKING-O RING -----	2	007	
-15	AN893-12D	• REDUCER -----	1	007	
-16	MS28777-6	• RING-BACK UP -----	1	007	
-17	MS28778-6	• PACKING-O RING -----	1	007	
-18	AN6289D6	• NUT -----	1	007	
-19	AN833-6D	• ELBOW -----	1	E	
	AN837-6D	• ELBOW -----	1	F	
-20	2307003-001	• TUBE ASSEMBLY-NOSE GEAR EXTEND -----	1	G	
	2307003-046	• TUBE ASSEMBLY-NOSE GEAR EXTEND -----	1	E	
	2307006-069	• HOSE ASSEMBLY-NOSE GEAR EXTEND -----	1	F	
-21	AN919-6D	• REDUCER -----	1		
-22	MS28778-6	• PACKING-O RING -----	1		
-23	MS28778-6	• PACKING-O RING -----	2	H	
-24	AN815-6D	• UNION -----	1	H	
-25	MS28777-6	• RING-BACK UP -----	1		
-26	S-140-6	• WASHER-SEAL -----	1	J	
-27	AN6289D6	• NUT -----	1	A	
	AN924-6D	• NUT -----	1		
	AN960D916	• WASHER -----	2		
-28	AN833-6D	• ELBOW -----	1	A	
	005-00174	• FITTING -----	1	B	
	S2231-6A	• FITTING ALT FOR 005-00174 -----	1	B	
-28A	AN832-6D	• UNION -----	1	H	
-29	AN938-6D	• TEE -----	1	H	
	AN784D6	• TEE -----	1	J	
-30	2307003-002	• TUBE ASSEMBLY-BRAKE PRESSURE SUPPLY -----	1	L	
	2307003-029	• TUBE ASSEMBLY-BRAKE PRESSURE SUPPLY -----	1	M	
-31	2307006-001	• HOSE ASSEMBLY-NOSE GR DOWN ACTUATOR -----	1		
-32	L-SA-56-56-D-4-G	• SWIVEL -----	1		
-33	L-SA-56-56-D-6-G	• SWIVEL -----	1		
-34	MS28778-6	• PACKING-O RING -----	3		
-35	AN815-6D	• UNION -----	1		
-36	AN893-2D	• REDUCER -----	1		
-37	MS28778-4	• PACKING-O RING -----	1		
-38	SEE FIGURE 98A	• VALVE ASSY-NOSE GEAR ACTUATOR SHUTTLE -----	REF	Z	
-39	2307003-024	• TUBE ASSEMBLY-NOSE GEAR EXTEND -----	1	N	
	2307003-050	• TUBE ASSEMBLY-NOSE GEAR EXTEND -----	1	P	
-40		• CONNECTING PARTS			
	GS833D0506	• • ELBOW -----	1	N	
	AN833-6D	• • ELBOW -----	1	P	
	AN6289D5	• • NUT -----	1	N	
	AN6289D6	• • NUT -----	1	P	
	MS28777-5	• • RING-BACK UP -----	1	N	
	MS28778-5	• • PACKING-O RING -----	1	N	
	MS28777-6	• • RING-BACK UP -----	1	P	
	MS28778-6	• • PACKING-O RING -----	1	P	
-41	2307006-101	• HOSE ASSEMBLY-NOSE GEAR UP ACTUATOR -----	1		
-42		• CONNECTING PARTS			
	AN783D5	• • TEE -----	1	Y	
	AN929-5	• • CAP -----	1	Y	
	AN919-7D	• • REDUCER -----	1	Y	
	AN6289D5	• • NUT -----	1	Y	
	MS28777-5	• • RING-BACK UP -----	1	Y	
	MS28778-5	• • PACKING-O RING -----	1	Y	
	AN833-6D	• • ELBOW -----	1	P	
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
91 -	AN6289D6	• NUT -----	1	P	
	MS28777-6	• RING-BACK UP -----	1	P	
	MS28778-6	• PACKING-O RING -----	1	P	
-43	AN832-6D	• UNION -----	1		
	AN924-6D	• NUT -----	1		
	AN960D916	• WASHER -----	1		
-44	2307003-045	• TUBE ASSEMBLY-NOSE GEAR RETRACT -----	1	Y	
-45	AN833-6D	• ELBOW -----	1	Y	
-46	MS28778-6	• PACKING-O RING -----	3	Y	
-47	MS28777-6	• RING-BACK UP -----	1	Y	
-48	AN938-6D	• TEE -----	1	Y	
-49	2908-3	• VALVE ASSEMBLY-BLEEDER -----	1	Y	
-50	AN815-6D	• UNION -----	1	Y	
-51	2307003-044	• TUBE ASSEMBLY-NOSE GEAR RETRACT -----	1	Y	
-52	2307003-025	• TUBE ASSEMBLY-NOSE GEAR RETRACT -----	1	W	
	2307003-043	• TUBE ASSEMBLY-NOSE GEAR RETRACT -----	1	Q	
	2307003-049	• TUBE ASSEMBLY-NOSE GEAR RETRACT -----	1	R	
	2307003-052	• TUBE ASSEMBLY-NOSE GEAR RETRACT -----	1	X	
		• VALVE INSTALLATION-PRESSURE BOOST -----	1	Y	
-53	AN833-6D	• ELBOW -----	2	Y	
	AN6289D6	• NUT -----	2	Y	
	MS28777-6	• RING-BACK UP -----	2	Y	
	MS28778-6	• PACKING-O RING -----	2	Y	
-54	2307004-011	• VALVE-PRESSURE BOOST -----	1	Y	
-55	2317033-003	• TUBE-FLEXIBLE TYGON -----	1	Y	
-56	AN833-6D	• ELBOW -----	1	U	
-57	005-00174	• FITTING -----	1	V	
	S2231-6A	• FITTING ALT FOR 005-00174 -----	1	V	
-58	AN924-6D	• NUT -----	1	V	
-59	S-140-6	• WASHER-SEAL -----	1	V	
-60	AN924-6D	• NUT -----	1	U	
-61	AN6289D6	• NUT -----	1	U	
-62	MS28777-6	• RING-BACK UP -----	1	U	
-63	AN832-6D	• UNION -----	1	U	
-64	MS28778-6	• PACKING-O RING -----	2		
-65	AN939D6	• ELBOW -----	1		
-66	AN815-6D	• UNION -----	1		
-73	2307003-042	• TUBE ASSEMBLY-BRAKE RETURN -----	1		
-74		• CONNECTING PARTS -----			
	AN832-4D	• UNION -----	1		
	AN924-4D	• NUT -----	1		
	AN960D716	• WASHER -----	1		
	AN833-4D	• ELBOW -----	1		
-75	2307003-019	• TUBE ASSEMBLY-BRAKE RETURN -----	1		
-76		• CONNECTING PARTS -----			
	AN804D4	• TEE -----	1		
	AN924-4D	• NUT -----	1		
	AN960D716	• WASHER -----	1		
-77	2307003-039	• TUBE ASSEMBLY-BRAKE RETURN -----	1		
-78	2307003-014	• TUBE ASSEMBLY-BRAKE RETURN -----	1		
-79	AN815-4D	• UNION -----	1		
-80	2307003-011	• TUBE ASSEMBLY-BRAKE RETURN -----	1		
-81	PA834D040406	• TEE -----	1		
	834D04-04-06	• TEE ALT FOR PA834D040406 -----	1		
-82	AN6289D6	• NUT -----	2		
-83	MS28777-6	• RING-BACK UP -----	2		
-84	MS28778-6	• PACKING-O RING -----	3		
-85	AN938-6D	• TEE -----	1		
-86	AN833-6D	• ELBOW -----	1		
-87	AN893-2D	• REDUCER -----	1		
-88	MS28778-4	• PACKING-O RING -----	1		
-89	AN924-4D	• NUT -----	1		
-90	AN832-4D	• UNION -----	1		
-91	2307003-034	• TUBE ASSEMBLY-BRAKE RETURN -----	1		
-92	2307003-007	• TUBE ASSEMBLY-BRAKE RETURN -----	1		
-93		• CONNECTING PARTS -----			
	AN832-4D	• UNION -----	1		
	AN924-4D	• NUT -----	1		
	AN960D716	• WASHER -----	1		
-94	2307003-031	• TUBE ASSEMBLY-BRAKE RETURN -----	1		
-95	2307003-032	• TUBE ASSEMBLY-CO PILOTS BRAKE RH -----	1		
-96		• CONNECTING PARTS -----			
	AN832-4D	• UNION -----	1		
	AN924-4D	• NUT -----	1		
	AN960D716	• WASHER -----	1		
-97	2307003-035	• TUBE ASSEMBLY-CO PILOTS BRAKE LH -----	1		
-98		• CONNECTING PARTS -----			
	AN832-4D	• UNION -----	1		
	AN924-4D	• NUT -----	1		
	AN960D716	• WASHER -----	1		
-99	2307003-033	• TUBE ASSEMBLY-CO PILOTS BR PRESS RH -----	1		

CONTINUED

A---ATTACHING PARTS



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
91 -100		1 2 3 4 5 6 7			
	AN804D4	• CONNECTING PARTS	1		
	AN924-4D	• • TEE -----	1		
	AN960D716	• • NUT -----	1		
-101	2307003-006	• • WASHER -----	1		
-102		• TUBE ASSEMBLY-MANIFOLD BRAKE PRESSURE -----	1		
	AN804D4	• CONNECTING PARTS	1		
	AN924-4D	• • TEE -----	1		
	AN960D716	• • NUT -----	1		
-103	2307003-036	• • WASHER -----	1		
-104	2307003-012	• TUBE ASSEMBLY-CO PILOTS BR PRESS LH -----	1		
-105	AN815-4D	• TUBE ASSEMBLY-MANIFOLD BRAKE PRESSURE -----	1		
-106	2307003-013	• UNION -----	1		
-107		• TUBE ASSEMBLY-MANIFOLD BRAKE PRESSURE -----	1		
	AN804D4	• CONNECTING PARTS	1		
	AN924-4D	• • TEE -----	1		
	AN960D716	• • NUT -----	1		
-108	2307003-037	• • WASHER -----	1		
-109	2307003-018	• TUBE ASSEMBLY-BRAKE PRESSURE -----	1		
-110		• TUBE ASSEMBLY-BRAKE PRESSURE -----	1		
	AN832-4D	• CONNECTING PARTS	1		
	AN924-4D	• • UNION -----	1		
	AN960D716	• • NUT -----	1		
-111	2307003-040	• • WASHER -----	1		
-112	2307003-038	• TUBE ASSEMBLY-BRAKE PRESSURE -----	1		
-113		• TUBE ASSEMBLY-PILOTS BRAKE RH -----	1		
	AN832-4D	• CONNECTING PARTS	1		
	AN924-4D	• • UNION -----	1		
	AN960D716	• • NUT -----	1		
-114	2307003-041	• • WASHER -----	1		
-115		• TUBE ASSEMBLY-PILOTS BRAKE LH -----	1		
	AN832-4D	• CONNECTING PARTS	1		
	AN924-4D	• • UNION -----	1		
	AN960D716	• • NUT -----	1		
-116	ZF304	• • WASHER -----	1		
-117	Z680-200	• UNION -----	1	015	
	Z680-182	• LINE-CAPILLARY HYD PRESSURE -----	1	S	
		• LINE-CAPILLARY HYD PRESSURE WHEN -----	1	076	
	401-200-182	EXHAUSTED USE 401-200-182 -----	1	076	
		• LINE-CAPILLARY HYD PRESSURE ALT -----	1	T	
		FOR Z680-182 -----	1		
-119	SEE FIGURE 90	• LINE-CAPILLARY HYD PRESSURE -----	REF		
-120	SEE FIGURE 42	• INDICATOR-HYDRAULIC PRESSURE -----	REF		
	SEE FIGURE 42A	• TUBE ASSEMBLY-PILOTS BRAKE RH -----	REF		
-121	SEE FIGURE 90	• TUBE ASSEMBLY-BRAKE RETURN -----	REF		
-122	SEE FIGURE 90	• TUBE ASSEMBLY-CO PILOTS BRAKE LH -----	REF		
-123	SEE FIGURE 90	• TUBE ASSEMBLY-CO PILOTS BRAKE RH -----	REF		
-124	SEE FIGURE 90	• TUBE ASSEMBLY-GEAR EXTEND -----	REF		
-125	SEE FIGURE 90	• TUBE ASSEMBLY-GEAR RETRACT -----	REF		
-126	SEE FIGURE 90	• VALVE ASSY-NOSE GEAR DOOR UPLATCH -----	REF		
-127	SEE FIGURE 98A	SHUTTLE -----	REF	Z	
		A 003 THRU 010 EXCEPT A/C MOD PER ECR 233			
		B 011 & ON & A/C MOD PER ECR 233			
		C 003 THRU 032 EXCEPT A/C MOD PER ECR 233			
		ECR 277 OR ECR 381			
		D 033 & ON & A/C MOD PER ECR 233			
		ECR 277 OR ECR 381			
		E 007 THRU 089 EXCEPT A/C MOD PER ECR 233,			
		ECR 230, ECR 227, ECR 277 OR ECR 381			
		F 090 & ON & A/C MOD PER ECR 233, ECR 230,			
		ECR 227, ECR 277 OR ECR 381			
		G 003 THRU 006 EXCEPT A/C MOD PER ECR 233			
		H 003 THRU 010 & A/C MOD PER ECR 233, ECR			
		230, ECR 227, ECR 277 OR ECR 381			
		J 011 & ON EXCEPT A/C MOD PER ECR 233, ECR			
		230, ECR 227, ECR 277 OR ECR 381			
		L 003 THRU 007 EXCEPT A/C MOD PER ECR 233			
		M 008 & ON & A/C MOD PER ECR 233			
		N 003 THRU 025 EXCEPT A/C MOD PER ECR 233			
		ECR 277 OR ECR 381			
		P 026 & ON & A/C MOD PER ECR 233			
		ECR 277 OR ECR 381			
		Q 007 THRU 025 EXCEPT A/C MOD PER SK23-214			
		& EXCEPT A/C MOD PER ECR 233, ECR 277 OR			
		ECR 381			
		R 026 THRU 089 EXCEPT A/C MOD PER ECR 233,			
		ECR 230 OR ECR 227			
		S 015 THRU 075 & A/C MOD PER ECR 233			
		T 015 & ON & A/C MOD PER ECR 233			
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
91 -		U 003 THRU 010 EXCEPT A/C MOD PER SK23-214 & EXCEPT A/C MOD PER ECR 233			
		V 011 & ON & A/C MOD PER SK23-214 & A/C MOD PER ECR 233			
		W 003 THRU 006 EXCEPT A/C MOD PER SK23-214 & EXCEPT A/C MOD PER ECR 233			
		X 090& ON & A/C MOD PER SK23-214 & A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381			
		Y 003 THRU 025 EXCEPT A/C MOD PER SK23-214 & EXCEPT A/C MOD PER ECR 233, ECR 277 OR ECR 381			
		Z SEE REF FIGURE FOR USAGE			
		A---ATTACHING PARTS			

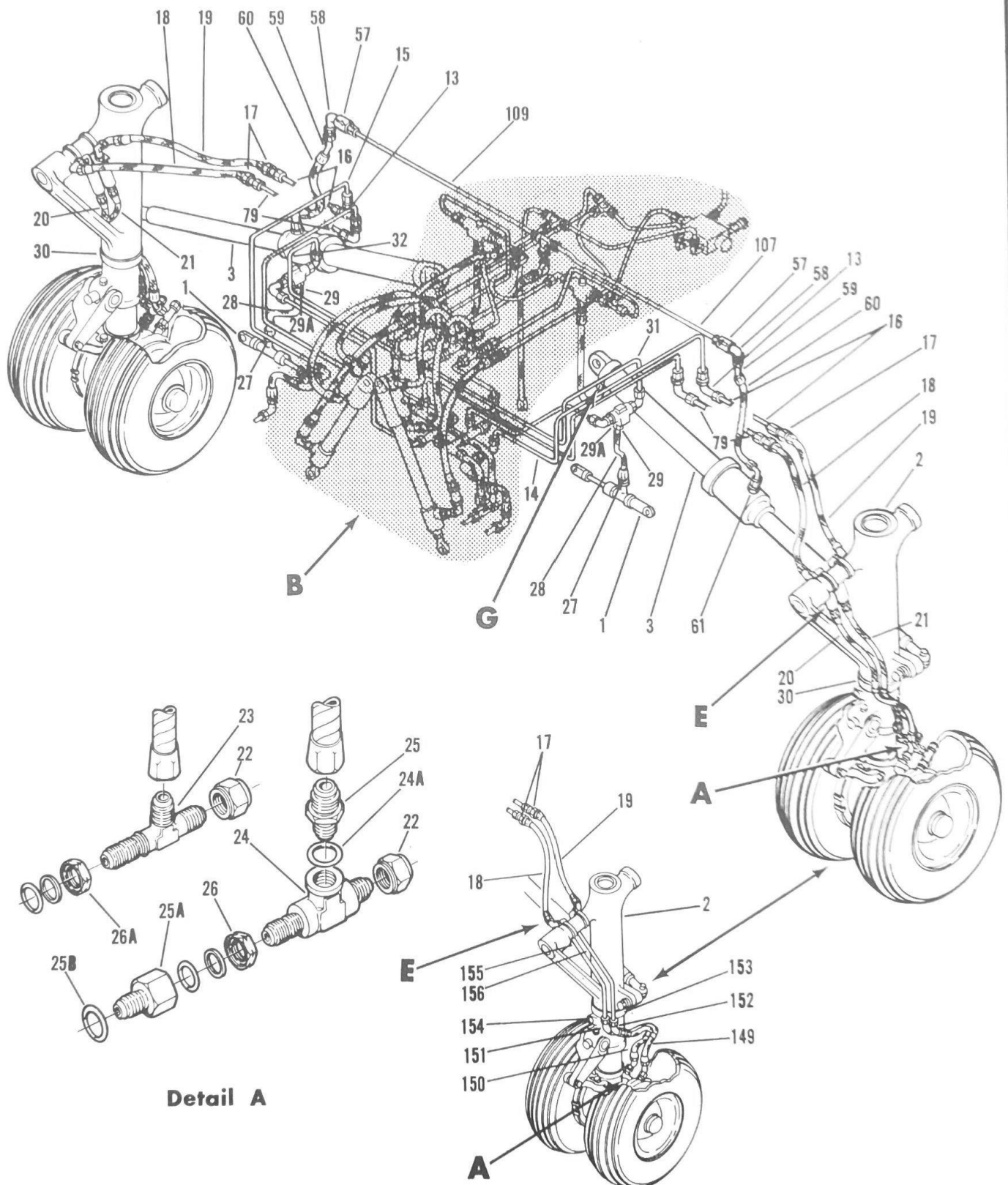
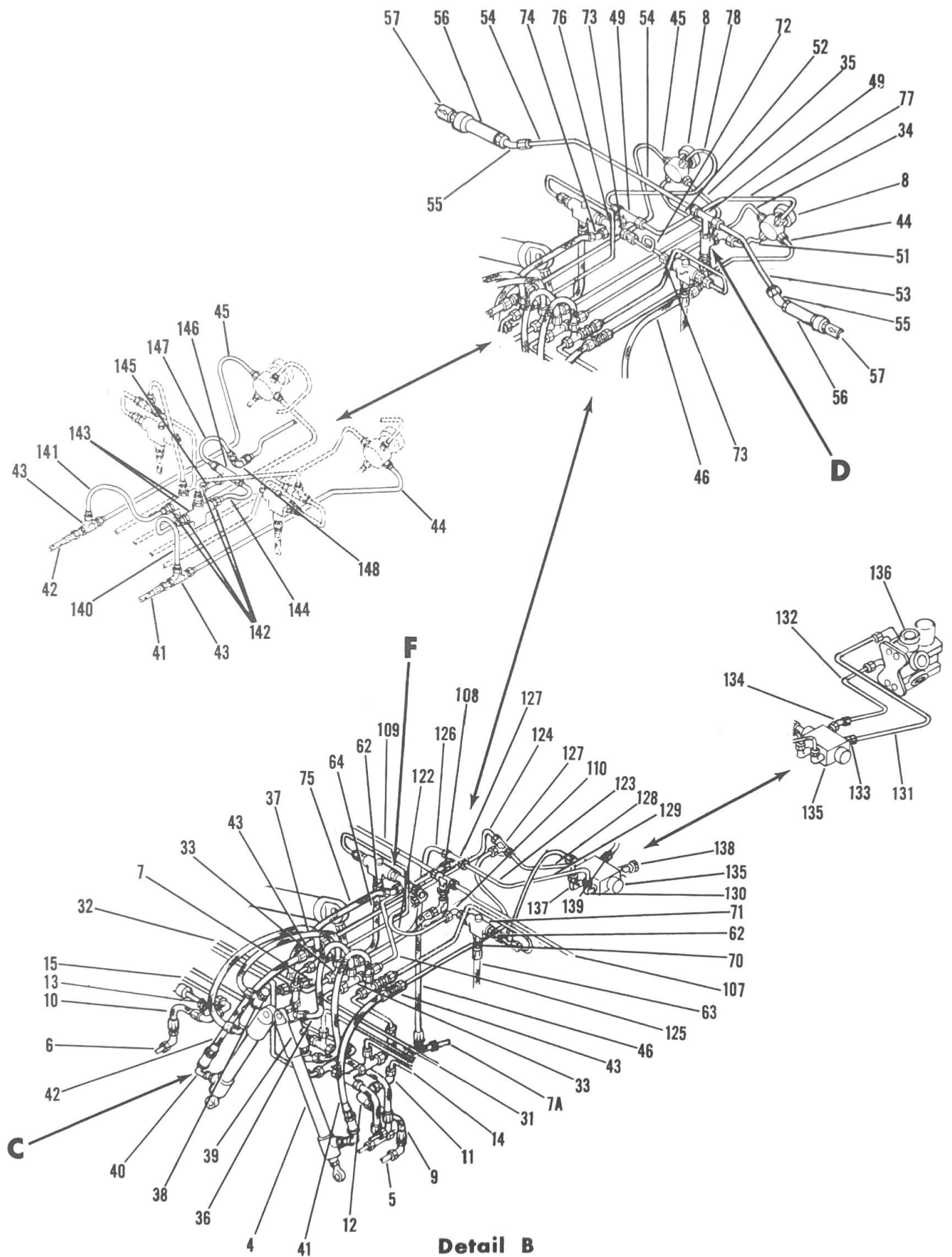


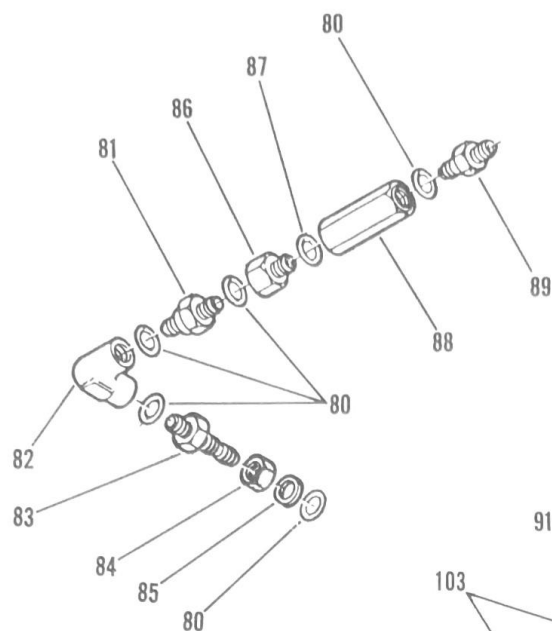
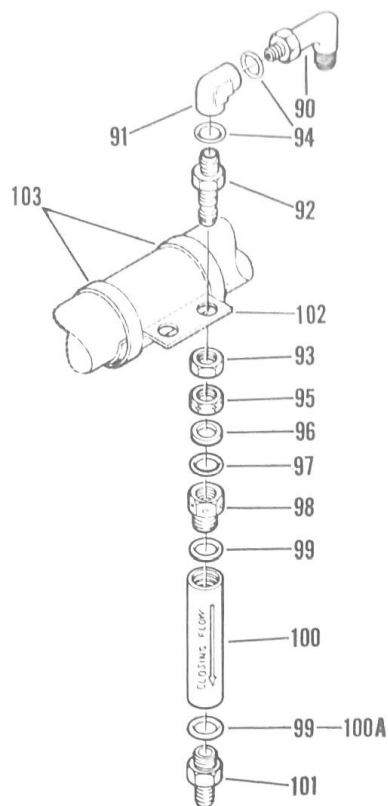
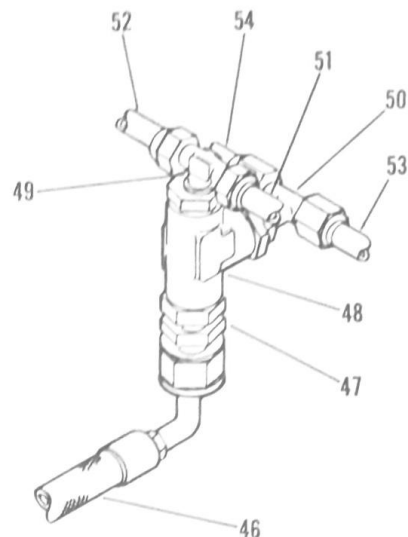
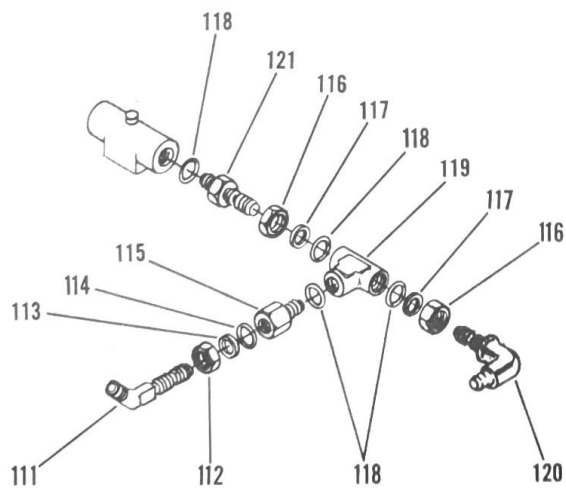
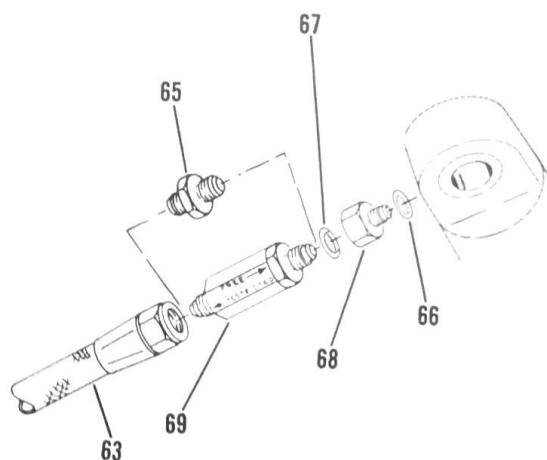
Figure 92. Main Gear &amp; Wheel Well Hydraulic Installation (Sheet 1 of 3)

11-13C-7  
11-13C  
A11-12C



B11-13C

Figure 92. Main Gear &amp; Wheel Well Hydraulic Installation (Sheet 2 of 3)

**Detail C****Detail E****Detail D****Detail F****Detail G**

D11-13C  
E11-21C  
F11-13C

Figure 92. Main Gear &amp; Wheel Well Hydraulic Installation (Sheet 3 of 3)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
92 -		MAIN GEAR & WHEEL WELL HYDRAULIC INSTL			
		• CONTROL VALVE INSTL-MAIN GEAR DOOR -----	1	N	
-1	SEE FIGURE 93	• VALVE INSTALLATION-ANTI SKID -----	REF		
-2	SEE FIGURE 99	• ACTUATOR-UP LATCH -----	REF		
-3	SEE FIGURE 99A	• STRUT ASSEMBLY-MAIN GEAR -----	REF		
-4	SEE FIGURE 27	• ACTUATOR-MAIN GEAR -----	REF		
-5	SEE FIGURE 8	• ACTUATOR-MAIN GEAR DOOR -----	REF		
-6	SEE FIGURE 90	• TUBE ASSEMBLY-BRAKE LH -----	REF		
-7	SEE FIGURE 90	• TUBE ASSEMBLY-BRAKE RH -----	REF		
-7A	SEE FIGURE 90	• TUBE ASSEMBLY-GEAR EXTEND -----	REF		
-8	SEE FIGURE 90	• TUBE ASSEMBLY-GEAR RETRACT -----	REF		
-9	SEE FIGURE 93	• VALVE-MAIN GEAR DOOR CONTROL -----	REF		
	2307006-011	• HOSE ASSEMBLY-BRAKE LH -----	1	N	
	2307006-055	• HOSE ASSEMBLY-BRAKE LH -----	1	P	
-10	2307006-042	• HOSE ASSEMBLY-BRAKE RH -----	1	Q	
	2307006-058	• HOSE ASSEMBLY-BRAKE RH -----	1	M	
-11	AN939D4	• ELBOW -----	1	R	
-12	AN833-4D	• ELBOW -----	1		
	MS28778-4	• PACKING-O RING -----	1		
	MS28777-4	• RING-BACK UP -----	1		
	AN6289D4	• NUT -----	1		
	AN924-4D	• NUT -----	1		
	AN960D716	• WASHER -----	1		
-13	AN833-4D	• ELBOW -----	3		
	AN960D716	• WASHER -----	3		
	AN924-4D	• NUT -----	3		
-14	2307003-327	• TUBE ASSEMBLY-BRAKE PRESSURE LH -----	1		
-15	2307003-328	• TUBE ASSEMBLY-BRAKE PRESSURE RH -----	1		
-16	SEE FIGURE 99	• TUBE ASSEMBLY-BRAKE PRESSURE INBD -----	REF		
	SEE FIGURE 99A	• UNION -----	4		
-17	AN832-4C	• NUT -----	4		
-18	AN924-4D	• HOSE ASSEMBLY-BRAKE PRESSURE FWD -----	2		
-19	2307006-035	• HOSE ASSEMBLY-BRAKE PRESSURE AFT -----	2		
-20	2307006-037	• HOSE ASSEMBLY-BRAKE PRESSURE FWD -----	2		
	2307006-036	• HOSE ASSEMBLY-BRAKE PRESSURE FWD -----	2		
	2307006-048	• HOSE ASSEMBLY-BRAKE PRESSURE FWD -----	2		
-21	2307006-066	• HOSE ASSEMBLY-BRAKE PRESSURE AFT -----	2		
	2307006-038	• HOSE ASSEMBLY-BRAKE PRESSURE AFT -----	2		
	2307006-049	• HOSE ASSEMBLY-BRAKE PRESSURE AFT -----	2		
	2307006-067	• HOSE ASSEMBLY-BRAKE PRESSURE AFT -----	2		
-22	AN929-4	• CAP -----	4		
-23	AN804C4	• TEE INBD -----	2		
	AN837-4C	• ELBOW INBD -----	2		
-24	AN804C4	• TEE OUTBD -----	2		
	AN783C4	• TEE OUTBD -----	2		
	AN837-6C	• ELBOW OUTBD -----	2		
-24A	MS28778-4	• PACKING-O RING -----	2		
-25	AN919-6C	• REDUCER -----	2		
-25A	AN894C6-4	• BUSHING -----	2		
-25B	MS28778-4	• PACKING-O RING -----	2		
-26	AN6289D4	• NUT -----	2		
	AN6289D6	• NUT -----	2		
	MS28777-4	• RING-BACK UP -----	2		
	MS28777-6	• RING-BACK UP -----	2		
	MS28778-4	• PACKING-O RING -----	2		
	MS28778-6	• PACKING-O RING -----	2		
-26A	AN6289D4	• NUT -----	2		
	MS28777-4	• RING-BACK UP -----	2		
	MS28778-4	• PACKING-O RING -----	2		
-27	AN815-4D	• UNION -----	2		
-28	2307006-016	• HOSE ASSEMBLY-MLG DOOR UPLATCH ACT -----	2		
	2307006-102	• HOSE ASSEMBLY-MLG DOOR UPLATCH ACT -----	2		
-29		• CONNECTING PARTS -----	2		
	AN832-4C	• UNION -----	2		
	MS28778-4	• PACKING-O RING -----	2		
	AN960D716	• WASHER -----	2		
	AN924-4D	• NUT -----	2		
-29A	SEE FIGURE 98A	• VALVE ASSY-MLG DOOR UNLOCK ACTUATOR -----	REF		
		SHUTTLE -----	2		
-30	2347001-003	• CLAMP ASSEMBLY -----	1		
-31	2307003-329	• TUBE ASSEMBLY-UP LATCH ACTUATION LH -----	1		
-32	2307003-330	• TUBE ASSEMBLY-UP LATCH ACTUATION RH -----	1		
-33		• CONNECTING PARTS -----	2		
	AN804D4	• TEE -----	2		
	AN960D716	• WASHER -----	2		
	AN924-4D	• NUT -----	2		
-34	2307003-347	• TUBE ASSEMBLY-UP LATCH ACTUATION LH -----	1		
-35	2307003-348	• TUBE ASSEMBLY-UP LATCH ACTUATION RH -----	1		
-36	2307006-021	• HOSE ASSEMBLY-MLG DOOR DOWN LH -----	1		
-37	2307006-022	• HOSE ASSEMBLY-MLG DOOR DOWN RH -----	1		
		CONTINUED			
		A---ATTACHING PARTS			



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
92 -38	AN776-4D	• CONNECTING PARTS	2		
	AN775-4C	• • ELBOW -----	2		
	AN901-4A	• • BOLT -----	4		
-39	SEE FIGURE 98A	• • GASKET -----	REF	AS	
	AN502-10-22	• VALVE ASSY-MLG DOOR ACTUATOR SHUTTLE -----	4		
	AN960D10	A • SCREW -----	4		
	AN960D10L	A • WASHER -----	4		
	AN775-4C	A • WASHER BETWEEN VALVE & ACTUATOR -----	4		
	AN901-4A	A • BOLT -----	2		
-40	AN833-4D	A • GASKET -----	4		
	MS28778-4	• ELBOW -----	2	B	
	MS28777-4	• PACKING-O RING -----	2	B	
	AN6289D4	• RING-BACK UP -----	2	B	
	2307006-017	• NUT -----	2	B	
-41	2307006-018	• HOSE ASSEMBLY-MLG DOOR UP LH -----	1		
-42		• HOSE ASSEMBLY-MLG DOOR UP RH -----	1		
-43		• CONNECTING PARTS			
	AN832-4D	• • UNION -----	2	U	
	AN837-4D	• • ELBOW -----	2	V	
	AN804D4	• • TEE -----	2	AK	
	AN924-4D	• • NUT -----	2		
	AN960D716	• • WASHER -----	2		
-44	2307003-349	• TUBE ASSEMBLY-MAIN GEAR DOOR CLOSE LH -----	1	AJ	
	2481016-002	• TUBE ASSEMBLY-MAIN GEAR DOOR CLOSE LH -----	1	AK	
-45	2307003-350	• TUBE ASSEMBLY-MAIN GEAR DOOR CLOSE RH -----	1	AJ	
	2481016-004	• TUBE ASSEMBLY-MAIN GEAR DOOR CLOSE RH -----	1	AK	
-46	2307006-015	• HOSE ASSEMBLY-GEAR RETRACT -----	1	P	
	2307006-059	• HOSE ASSEMBLY-GEAR RETRACT -----	1	Q	
	BL101-4-2	• BUND-L-LACER USE WITH 2307006-059 -----	AR	Q	
-47		• CONNECTING PARTS			
	AN832-8D	• • UNION -----	1	N	
	MS28778-8	• • PACKING-O RING -----	1	N	
	AN924-8D	• • NUT -----	1	N	
-48	AN838-8D	• • TEE -----	1	N	
-49	AN834-4D	• • TEE -----	2	N	
	MS28778-8	• PACKING-O RING -----	2	N	
	MS28778-4	• PACKING-O RING -----	2	N	
	AN6289D4	• NUT -----	2	N	
	AN893-3D	• REDUCER -----	2	N	
-50	AN834-8D	• TEE -----	1	N	
	MS28778-8	• PACKING-O RING -----	1	N	
	MS28777-8	• RING-BACK UP -----	1	N	
	AN6289D8	• NUT -----	1	N	
-51	2307003-352	• TUBE ASSEMBLY-GEAR UP PRESSURE LH -----	1	N	
-52	2307003-354	• TUBE ASSEMBLY-GEAR UP PRESSURE RH -----	1	N	
-53	2307003-346	• TUBE ASSEMBLY-MAIN GEAR RETRACT LH -----	1	N	
-54	2307003-345	• TUBE ASSEMBLY-MAIN GEAR RETRACT RH -----	1	N	
-55	AN837-8D	• ELBOW -----	2	N	
	MS28778-8	• PACKING-O RING -----	2	N	
	MS28777-8	• RING-BACK UP -----	2	N	
	AN6289D8	• NUT -----	2	N	
-56	SEE FIGURE 98B	• VALVE ASSY-MLG ACTUATOR PRIORITY -----	REF	AS	
	AN893-12D	• REDUCER -----	2	N	
	MS28778-6	• PACKING-O RING -----	2	N	
	MS28778-8	• PACKING-O RING -----	2	N	
-57	1R3665-035	• RESTRICTOR -----	2	N	
	MS28778-6	• PACKING-O RING -----	2		
-58	AN939D6	• ELBOW -----	2		
-59	AN837-6D	• ELBOW -----	2		
	MS28778-6	• PACKING-O RING -----	2		
	MS28777-6	• RING-BACK UP -----	2		
	2327011-005	• NUT -----	2		
	2327011-006	• NUT -----	2	A	
	AN960D916	• WASHER -----	2	A	
-60	2307006-047	• HOSE ASSY-MLG ACTUATOR UP FOR -----	2	AP	
	2307006-074	• HOSE ASSY-MLG ACTUATOR UP FOR -----	2	AQ	
	2307006-103	• HOSE ASSY-MLG ACTUATOR UP -----	2	AR	
-61	2327011-003	• FITTING -----	2	F	
	2327011-010	• FITTING -----	2	G	
	AN815-6D	• UNION -----	2	AQ	
	2480027-001	• SWIVEL ASSY-MLG ACTUATOR UP HOSE -----	2	AR	
	142870	• SWIVEL ASSY-MLG ACTUATOR UP HOSE -----	2	AR	
	AN6289D6	ALT FOR 2480027-001 -----	2	AR	
	MS28778-6	A • NUT -----	2	AR	
	MS28777-6	A • PACKING-O RING -----	2	AR	
-62	AN919-7D	A • RING-BACK UP -----	2	AR	
	MS28778-5	• REDUCER -----	2		
-63	2307006-008	• PACKING-O RING -----	2		
		• HOSE ASSEMBLY-MLG ACTUATOR DOWN LH -----	1		
		CONTINUED			
		A---ATTACHING PARTS			



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
92 -64	2307006-009	• HOSE ASSEMBLY-MLG ACTUATOR DOWN RH	1		
-65	AN919-7D	• REDUCER	2	H	
	AN815-6D	• UNION	2	J	
-66	MS28778-5	• PACKING-O RING	2	Y	
-67	MS28778-6	• PACKING-O RING	2	Z	
-68	AN894D6-5	• BUSHING	2	K	
-69	2380099-001	• RESTRICTOR	2	L	
-70	AN832-6D	• UNION	2		
	AN924-6D	• NUT	2		
-71	SEE FIGURE 98A	• VALVE ASSY-MLG ACTUATOR SHUTTLE	REF	AS	
-72	2307003-331	• TUBE ASSEMBLY-GEAR EXTEND PRESSURE LH	1	N	
-73		• CONNECTING PARTS			
	AN919-12D	• REDUCER	2	N	
	MS28778-8	• PACKING-O RING	2	N	
-74	AN837-8D	• ELBOW	1	N	
	MS28778-8	• PACKING-O RING	1	N	
	MS28777-8	• RING-BACK UP	1	N	
	AN6289D8	• NUT	1	N	
-75	2307006-014	• HOSE ASSEMBLY-GEAR EXTEND	1		
-76	AN937-8D	• CROSS	1	N	
-77	2307003-351	• TUBE ASSEMBLY-GEAR DOWN PRESSURE LH	1	N	
-78	2307003-353	• TUBE ASSEMBLY-GEAR DOWN PRESSURE RH	1	N	
-79	SEE FIGURE 99				
	SEE FIGURE 99A	• TUBE ASSEMBLY-BRAKE PRESSURE OUTBD	REF		
-80	MS28778-4	• PACKING-O RING	10	C	
-81	2327011-007	• RESTRICTOR	2	C	
-82	AN939D4	• ELBOW	2	C	
-83	AN832-4D	• UNION	2	C	
-84	AN6289D4	• NUT	2	C	
-85	MS28777-4	• RING-BACK UP	2	C	
-86	2327011-008	• FITTING	2	C	
-87	MS28778-5	• PACKING-O RING	2	C	
-88	2327011-009	• FILTER	2	C	
-89	AN815-4D	• UNION	2	C	
-90	L-S A-56-56-D-4-G	• SWIVEL	4		
-91	AN939C4	• ELBOW	4		
-92	AN832-4C	• UNION	4		
-93	AN924-4D	• NUT	4		
-94	MS28778-4	• PACKING-O RING	8		
-95	AN6289D4	• NUT FWD	2	AW	
	AN6289D4	• NUT AFT	2	AA	
-96	MS28777-4	• RING-BACK UP FWD	2	AW	
	MS28777-4	• RING-BACK UP AFT	2	AA	
-97	MS28778-4	• PACKING-O RING FWD	2	AW	
	MS28778-4	• PACKING-O RING AFT	2	AA	
-98	AN893-3C	• REDUCER	4	AN	
-99	MS28778-8	• PACKING-O RING	8	AN	
-100	SEE FIGURE 99B	• FUSE ASSY-ANTI SKID	4	AS	
	2317090-001	• CONNECTOR-BRAKE LINE FWD	2	AX	
-100A	MS28778-4	• PACKING-O RING FWD	2	AX	
-101	AN919-12C	• REDUCER FWD	2	AN	
	AN919-10C	• REDUCER AFT	2	AN	
	AN919-6C	• REDUCER FWD	2	AX	
-102	2441004-001	• SUPPORT ASSEMBLY-BRAKE HOSE	2		
-103	AN737TW66	• CLAMP	4		
-107	2307023-354	• TUBE ASSEMBLY-MAIN GEAR RETRACT LH	1	AG	
	2307023-377	• TUBE ASSEMBLY-MAIN GEAR RETRACT RH	1	AH	
-108		• CONNECTING PARTS			
	AN834-8D	• TEE	1	AG	
	PA834D060608	• TEE	1	AH	
	AN832-8D	• UNION	1	AG	
	AN919-12D	• REDUCER	2	AG	
	MS28778-8	• PACKING-O RING	3	AG	
	AN924-8D	• NUT	1	AG	
	AN960D1216	• WASHER	1	W	
-109	2307023-330	• TUBE ASSEMBLY-MAIN GEAR RETRACT RH	1	AG	
	2307023-376	• TUBE ASSEMBLY-MAIN GEAR RETRACT RH	1	AH	
-110	AN833-6D	• ELBOW	1	AB	
	AN6289D6	• NUT	1	AB	
	MS28777-6	• RING-BACK UP	1	AB	
	MS28778-6	• PACKING-O RING	1	AB	
-111	AN837-8D	• ELBOW	1	AB	
-112	AN6289D8	• NUT	1	AB	
-113	MS28777-8	• RING-BACK UP	1	AB	
-114	MS28778-8	• PACKING-O RING	1	AB	
-115	AN894D8-6	• BUSHING	1	AB	
-116	AN6289D6	• NUT	2	AB	
-117	MS28777-6	• RING-BACK UP	2	AB	
-118	MS28778-6	• PACKING-O RING	4	AB	
-119	AN938-6D	• TEE	1	AB	
-120	AN833-6D	• ELBOW	1	AB	

CONTINUED

A---ATTACHING PARTS

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
92 -121	AN832-6D	• UNION -----	1	AB	
-122	2307023-331	• TUBE ASSEMBLY-GEAR EXTEND PRESSURE LH -----	1	AB	
-123	2307023-328	• TUBE ASSEMBLY-MAIN GEAR DOOR UP LH -----	1	AB	
-124	2307023-327	• TUBE ASSEMBLY-MAIN GEAR DOOR UP RH -----	1	AB	
-125	2307023-325	• TUBE ASSEMBLY-MAIN GEAR DOOR DOWN LH -----	1	AB	
-126	2307023-324	• TUBE ASSEMBLY-MAIN GEAR DOOR DOWN RH -----	1	AB	
-127	AN824-4D	• TEE -----	2	AB	
-128	2307023-323	• TUBE ASSEMBLY-MAIN GEAR DOORS UP -----	1	AB	
-129	2307023-326	• TUBE ASSEMBLY-MAIN GEAR DOORS DOWN -----	1	AB	
-130	AN833-4D	• ELBOW -----	1	AB	
	AN6289D4	• NUT -----	1	AB	
	MS28777-4	• RING-BACK UP -----	1	AB	
	MS28778-4	• PACKING-O RING -----	1	AB	
-131	2307023-321	• TUBE ASSEMBLY-MAIN GEAR DOOR RETURN -----	1	AD	
-132	2307023-322	• TUBE ASSEMBLY-MAIN GEAR DOOR PRESSURE -----	1	AD	
-133	AN815-4D	• UNION -----	1	AD	
	MS28778-4	• PACKING-O RING -----	1	AD	
-134	AN837-4D	• ELBOW -----	1	AD	
	AN6289D4	• NUT -----	1	AD	
	MS28777-4	• RING-BACK UP -----	1	AD	
	MS28778-4	• PACKING-O RING -----	1	AD	
-135	46000020	• VALVE-MAIN GEAR DOOR 842 -----	1	AB	
	46000020-1	• VALVE-MAIN GEAR DOOR ALT FOR -----	1	AB	
	NAS221-8	• SCREW -----	4	AB	
-136	SEE FIGURE 94		REF		
-137	AN837-4D	• VALVE-FLAP CONTROL -----	1	AB	
	AN6289D4	• ELBOW -----	1	AB	
	MS28777-4	• NUT -----	1	AB	
	MS28778-4	• RING-BACK UP -----	1	AB	
-138	SEE FIGURE 95	• PACKING-O RING -----	1	AB	
-139	SEE FIGURE 95	• VALVE-CHECK -----	REF	AE	
-140	2481016-006	• TUBE ASSEMBLY-MAIN GEAR DOOR PRESSURE -----	REF	AE	
		• TUBE ASSEMBLY-INBD GEAR DOOR BLOWDOWN			
		VALVE LH -----	1	AK	
-141	2481016-010	• TUBE ASSEMBLY-INBD GEAR DOOR BLOWDOWN			
		VALVE RH -----	1	AK	
-142	AN919-6D	• REDUCER -----	4	AK	
-143	MS28778-6	• PACKING-O RING -----	4	AK	
	7U7105	• VALVE-INBD GEAR DOOR BLOWDOWN -----	2	AK	
	AN3-27A	• BOLT -----	2	AK	
	AN960D10L	• WASHER -----	2	AK	
	MS20365-1032	• NUT -----	2	AK	
-144	2481016-008	• TUBE ASSEMBLY-INBD GEAR DOOR BLOWDOWN			
		VALVE RETURN LH -----	1	AK	
-145	2481016-012	• TUBE ASSEMBLY-INBD GEAR DOOR BLOWDOWN			
		VALVE RETURN RH -----	1	AK	
-146	AN824-4D	• TEE -----	1	AK	
-147	2481016-040	• HOSE ASSEMBLY-INBD GEAR DOOR BLOWDOWN			
		VALVE RETURN -----	1	AK	
-148	SEE FIGURE 90	• ELBOW -----	REF	AK	
-149	2307006-128	• HOSE ASSY-BRAKE PRESSURE FWD -----	2	AY	
	2307006-113	• HOSE ASSY-BRAKE PRESSURE FWD -----	2	AZ	
-150	2307006-127	• HOSE ASSY-BRAKE PRESSURE AFT -----	2	AY	
	2307006-112	• HOSE ASSY-BRAKE PRESSURE AFT -----	2	AZ	
-151	AN837-6C	• ELBOW -----	2	BA	
	AN960PD916	• WASHER -----	2	BA	
	AN924-6C	• NUT -----	2	BA	
-152	AN837-4C	• ELBOW -----	2	BA	
	AN924-4C	• NUT -----	2	BA	
-153	2427003-007	• BRACKET ASSY-LH -----	1	BA	
	2427003-008	• BRACKET ASSY-RH -----	1	BA	
	WWD144	• CLAMP -----	2	BA	
	AN737TW144	• CLAMP ALT FOR WWD-144 -----	2	BA	
-154	SEE FIGURE 23	• BOLT ATTACHING PART FOR PUSHROD -----	REF	AS	
-155	2607003-315	• TUBE ASSY-BRAKE PRESSURE LH FWD -----	1	BB	
	2481121-007	• TUBE ASSY-BRAKE PRESSURE LH FWD -----	1	BC	
	2607003-316	• TUBE ASSY-BRAKE PRESSURE RH FWD -----	1	BB	
	2481121-008	• TUBE ASSY-BRAKE PRESSURE RH FWD -----	1	BC	
-156	2307024-389	• TUBE ASSY-BRAKE PRESSURE LH AFT -----	1	BB	
	2481121-005	• TUBE ASSY-BRAKE PRESSURE LH AFT -----	1	BC	
	2307024-388	• TUBE ASSY-BRAKE PRESSURE RH AFT -----	1	BB	
	2481121-006	• TUBE ASSY-BRAKE PRESSURE RH AFT -----	1	BC	
		A 030 & ON & A/C MOD PER SK23-82& A/C MOD			
		PER ECR 233, ECR 277, ECR 381, ECR 392			
		OR ECR 401			
		B 003 THRU 019 & 080 & ON & A/C MOD PER			
		ECR 233, ECR 230 OR ECR 227 EXCEPT			
		A/C MOD PER SK23-113A			
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
92 -	C	020 THRU 079 & A/C MOD PER SK23-113A EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, ECR 392 OR ECR 401			
	D	003 THRU 069 EXCEPT A/C MOD PER SK23-137 & EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 277, ECR 381, ECR 392 OR ECR 401 & EXCEPT A/C MOD PER AMK72-9			
	E	003 THRU 069 WHEN MOD PER SK23-137 & 070 & ON EXCEPT A/C MOD PER ECR 227 ECR 233, ECR 230, ECR 277, ECR 381, ECR 392 & ECR 401 & EXCEPT A/C MOD PER AMK72-9			
	F	003 THRU 058 EXCEPT A/C MOD PER SK23-134 AAK71-4 OR A/C MOD PER ECR 233, ECR 230, ECR 277, ECR 381, ECR 392 OR ECR 401			
	G	059 & ON & A/C MOD PER SK23-134 EXCEPT A/C MOD PER ECR 233, ECR 277, ECR 381, ECR 392, ECR 401 OR AAK71-4			
	H	003 THRU 025 EXCEPT A/C MOD PER SK23-174 & EXCEPT A/C MOD PER ECR 233, 277, ECR 381, ECR 392 OR ECR 401			
	J	026 & ON & A/C MOD PER ECR 233, ECR 277 ECR 381, ECR 392 OR ECR 401 EXCEPT A/C MOD PER SK23-174			
	K	003 THRU 025 WHEN MOD PER SK23-174 EXCEPT A/C MOD PER ECR 233, ECR 277, ECR 381, ECR 392 OR ECR 401			
	L	003 THRU 079 WHEN MOD PER SK23-174 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, ECR 392 OR ECR 401			
	M	003 THRU 069 & 080 & ON & A/C MOD PER ECR 227			
	N	003 THRU 079 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, ECR 392 OR ECR 401			
	P	003 THRU 069 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 277, ECR 381, ECR 392 OR ECR 401			
	Q	070 & ON & A/C MOD PER ECR 233, ECR 230, ECR 277, ECR 381, ECR 392 OR ECR 401			
	R	070 THRU 079 EXCEPT A/C MOD PER ECR 227			
	S	003 THRU 009 EXCEPT A/C MOD PER ECR 233 OR ECR 392			
	T	010 & ON & A/C MOD PER ECR 233 OR ECR 392			
	U	003 THRU 019 EXCEPT A/C MOD PER ECR 233 ECR 277, ECR 381, ECR 392 OR SK23/24-296			
	V	020 & ON & A/C MOD PER ECR 233, ECR 277 ECR 381, ECR 392 OR ECR 401 EXCEPT WHEN MOD PER SK23/24-296			
	W	003 & ON WHEN MOD PER ECR 233, ECR 230 ECR 227, ECR 277, ECR 381, ECR 392 OR ECR 401			
	X	003 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, ECR 392 OR ECR 401			
	Y	003 THRU 025 EXCEPT A/C MOD PER ECR 233 ECR 277, ECR 381, ECR 392 OR ECR 401			
	Z	026 & ON & A/C MOD PER ECR 233 ECR 277, ECR 381, ECR 392 OR ECR 401			
	AA	003 THRU 069 WHEN MOD PER SK23-137, 070 & ON EXCEPT A/C MOD PER ECR 230, ECR 233 ECR 227, ECR 277, ECR 381, ECR 392 OR ECR 401			
	AB	080 & ON & A/C MOD PER ECR 233, ECR 230 ECR 227, ECR 277, ECR 381, ECR 392 OR ECR 401			
	AD	080 THRU 089 EXCEPT A/C MOD PER ECR 227			
	AE	050A & 090 & ON & A/C MOD PER ECR 233 ECR 277, ECR 381, ECR 392 OR ECR 401			
	AG	080 & ON & A/C MOD PER ECR 233 ECR 277, ECR 381, ECR 392 OR ECR 401			
	AH	040 THRU 079 WHEN MOD PER ECR 230 OR ECR 227			
	AJ	003 THRU 079 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, ECR 392, ECR 401 OR SK23/24-296			
	AK	003 THRU 079 WHEN MOD PER SK23/24-296			
CONTINUED					
A---ATTACHING PARTS					

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
92 -		EXCEPT A/C MOD PER 233, ECR 230, ECR 227 ECR 277, ECR 381, ECR 392 OR ECR 401 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 277, ECR 381, ECR 392 OR ECR 401			
	AN	USED WHEN ANTI SKID SYSTEM FUSE IS INSTALLED ON MLG STRUT			
	AP	003 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, ECR 392, ECR 401 OR AAK71-4			
	AQ	003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, ECR 392 OR ECR 401 EXCEPT A/C MOD PER AAK71-4			
	AR	003 & ON WHEN MOD PER AAK71-4			
	AS	SEE REF FIGURE FOR USAGE			
	AT	003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, ECR 392 OR ECR 401 EXCEPT A/C MOD PER AMK72-9			
	AU	003 THRU 069 WHEN MOD PER SK23-137 OR AMK72-9 & 070 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, ECR 392 OR ECR 401			
	AV	003 & ON EXCEPT A/C MOD PER AMK72-9			
	AW	003 THRU 069 WHEN MOD PER SK23-137 OR AMK72-9 & 070 & ON & A/C MOD PER ECR 233 ECR 230, ECR 227, ECR 277, ECR 381, ECR 392 OR ECR 401			
	AX	003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, ECR 392 OR ECR 401			
	AY	003 & ON WHEN MOD PER AMK72-9 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, ECR 392 OR ECR 401			
	AZ	003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, ECR 392, ECR 401 & AMK72-9			
	BA	003 & ON WHEN MOD PER AMK72-9			
	BB	003 THRU 069 WHEN MOD PER AMK72-9 EXCEPT A/C MOD PER SK23-137 & 003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 381, ECR 392, ECR 401 & AMK72-9			
	BC	070 & ON WHEN MOD PER AMK72-9 & 003 THRU 069 WHEN MOD PER SK23-137 & AMK72-9 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, ECR 392 OR ECR 401			
		A---ATTACHING PARTS			

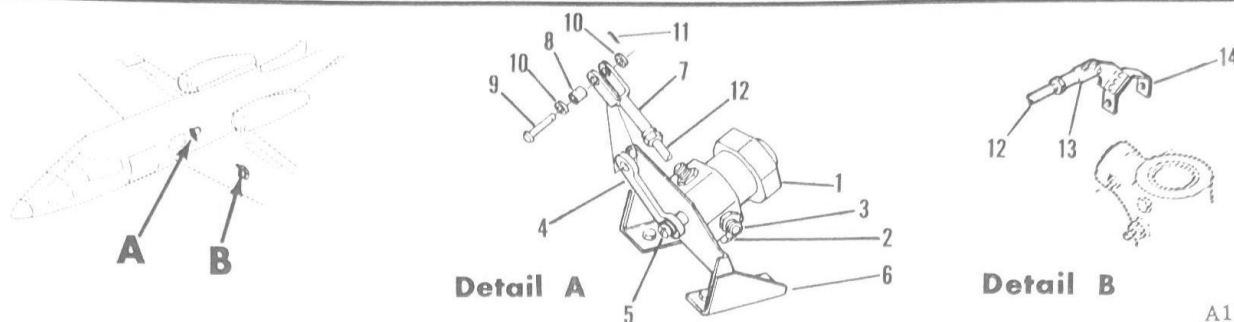


Figure 93. Main Gear Door Control Valve Installation

A11-26B  
B11-26B

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
93 -		MAIN GEAR DOOR CONTROL VALVE INSTL			
	2327033-001	• VALVE ASSEMBLY-CONTROL -----	2	A	
	AN501A10-7	• SCREW -----	8	A	
-1	2380049-001	• VALVE-CONTROL -----	1	A	
-2	GS833D0604	• ELBOW -----	2	A	
		• CONNECTING PARTS -----			
	AN6289D6	• NUT -----	2	A	
	MS28778-6	• • PACKING-O RING -----	2	A	
	MS28777-6	• • RING-BACK UP -----	2	A	
-3	AN919-6D	• REDUCER -----	2	A	
		• CONNECTING PARTS -----			
	MS28778-6	• • PACKING-O RING -----	2	A	
-4	2327032-001	• LEVER-LH -----	1	A	
	2327032-002	• LEVER-RH -----	1	A	
-5	AN501A10-7	• SCREW -----	1	A	
-6	AN960D416L	• WASHER -----	1	A	
	2327030-001	• BRACKET ASSEMBLY-LH -----	1	D	
	2327030-007	• BRACKET ASSEMBLY-LH -----	1	E	
	2327030-002	• BRACKET ASSEMBLY-RH -----	1	D	
	2327030-008	• BRACKET ASSEMBLY-RH -----	1	E	
	AN3-7A	• BOLT -----	4	A	
	AN960D416L	• WASHER -----	4	A	
	MS20365-1032	• NUT -----	4	A	
-7	2327031-001	• CONNECTOR ASSEMBLY -----	2	F	
	AN486-2	• CLEVIS -----	2	G	
	NAS509-4	• NUT -----	2	A	
-8	NAS43DD4-11	• SPACER -----	2	B	
	NAS76A4-007	• BUSHING -----	2	C	
-9	MS20392-3C13	• PIN-CLEVIS -----	2	A	
-10	AN960D416L	• WASHER -----	4	A	
-11	MS24665-152	• PIN-COTTER -----	2	A	
-12	6600048-001	• CABLE-CONTROL -----	1	F	
	6600048-002	• CABLE-CONTROL -----	1	G	
-13	AN665-34R	• CLEVIS -----	2	F	
	AN486-2	• CLEVIS -----	2	G	
	MS20392-3C15	• PIN-CLEVIS -----	2	B	
	NAS464P4-6	• BOLT -----	2	C	
	AN960C416	• WASHER UNDER BOLT HEAD -----	2	C	
	AN960C416L	• WASHER UNDER NUT -----	2	A	
	AN320-4	• NUT -----	2	C	
	MS24665-231	• PIN-COTTER -----	2	B	
	MS24665-154	• PIN-COTTER -----	2	C	
-14	2327012-001	• BRACKET ASSEMBLY-DIRECTION CONTROL LH -----	2	B	
	2327012-011	• BRACKET ASSEMBLY-DIRECTION CONTROL LH -----	2	C	
	2327012-002	• BRACKET ASSEMBLY-DIRECTION CONTROL RH -----	2	B	
	2327012-012	• BRACKET ASSEMBLY-DIRECTIONCONTROL RH -----	2	C	
		A 003 THRU 079 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, ECR 392 OR ECR 401			
		B 003 THRU 039 EXCEPT A/C MOD PER ECR 233 ECR 277, ECR 381, ECR 392, ECR 401 OR SK23-112			
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION							UNITS PER ASSY	USABLE ON		
		1	2	3	4	5	6	7		THRU		
93 -		C	040 THRU 079 & A/C MOD PER SK23-112 EXCEPT A/C MOD PER ECR 230 OR ECR 227									
		D	003 THRU 032 EXCEPT A/C MOD PER ECR 233 ECR 277, ECR 381, ECR 392 OR ECR 401									
		E	033 THRU 079 EXCEPT A/C MOD PER ECR 233, ECR 230 OR ECR 227									
		F	003 THRU 008 EXCEPT A/C MOD PER ECR 233 ECR 392 OR ECR 401									
		G	009 THRU 079 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, ECR 392 OR ECR 401									
		A---ATTACHING PARTS										

LIMITED EFFECTIVITY Serial Code A



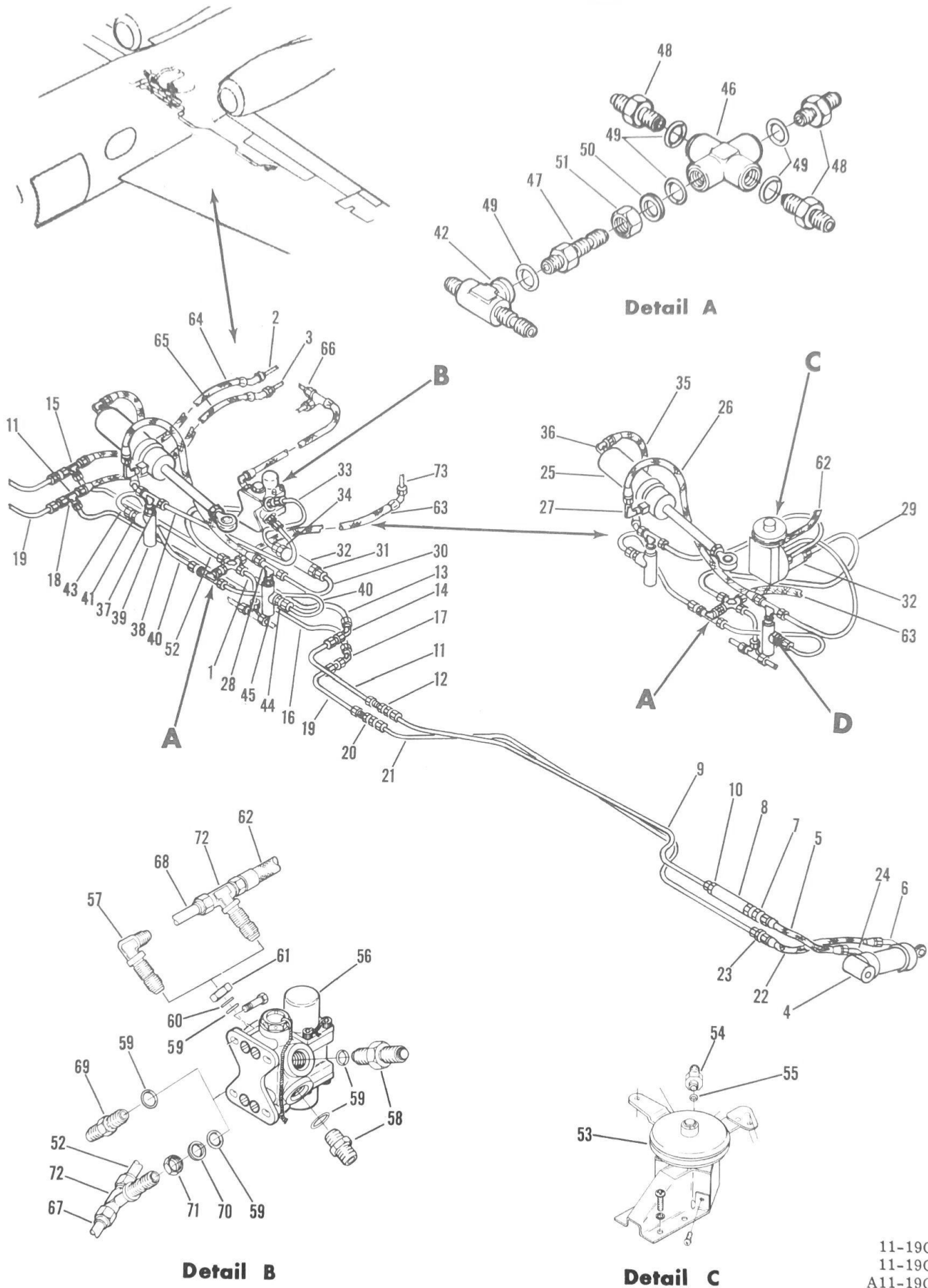
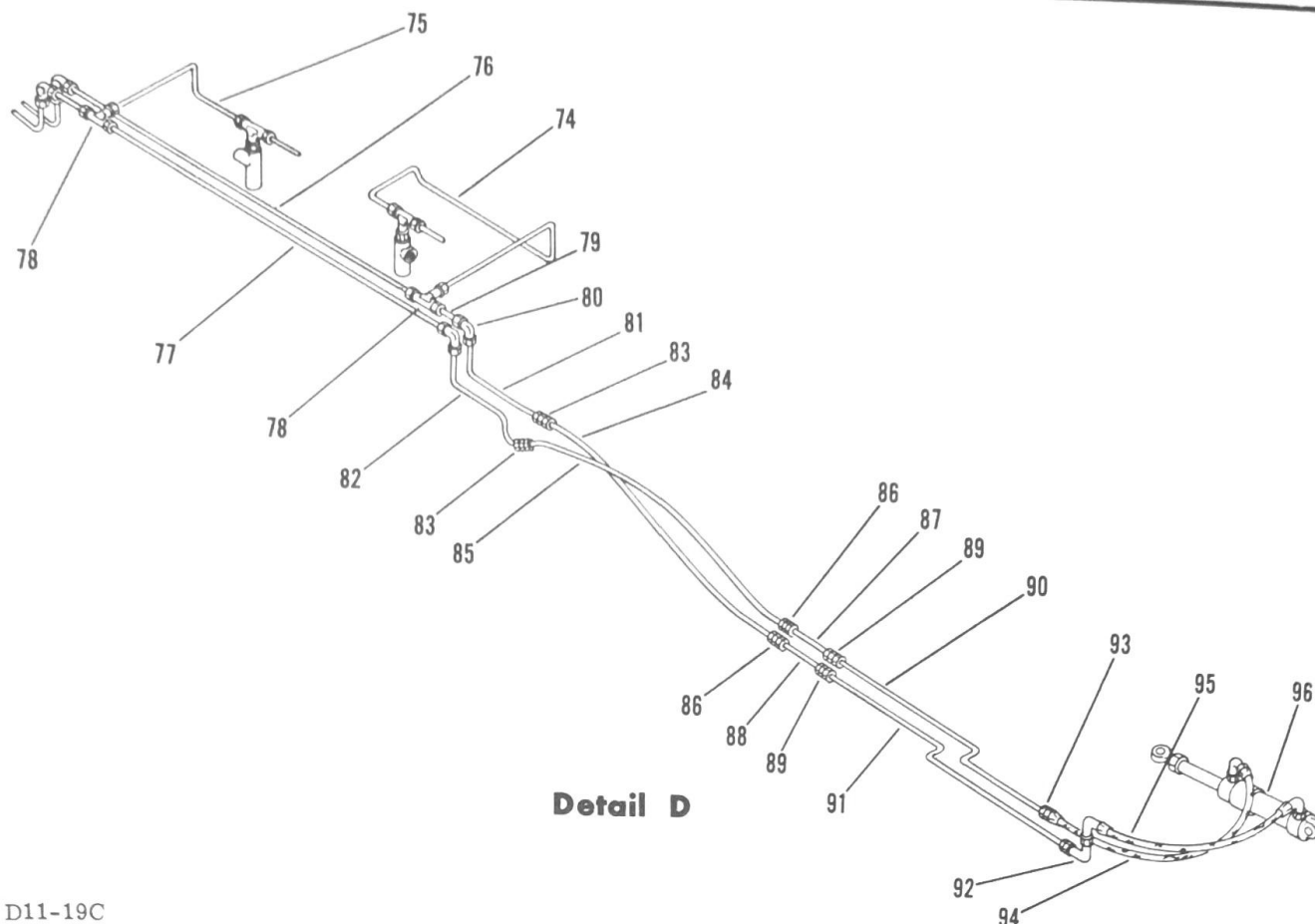


Figure 94. Flap &amp; Spoiler Hydraulic Installation (Sheet 1 of 2)

11-19C  
11-19C  
A11-19C  
B11-9B  
C8-5C





D11-19C

Figure 94. Flap &amp; Spoiler Hydraulic Installation (Sheet 2 of 2)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				1 2 3 4 5 6 7	THRU
94 -		FLAP & SPOILER HYDRAULIC INSTALLATION			
-1	SEE FIGURE 99	• TUBE ASSEMBLY-HYD BRAKE RETURN MANIF -----	REF		A
-2	SEE FIGURE 96				
-3	SEE FIGURE 97	• TUBE ASSEMBLY-HYD SPOILER UP -----	REF		A
-4	SEE FIGURE 97				
-5	2307006-030	• TUBE ASSEMBLY-HYD SPOILER DOWN -----	REF		A
-5	2307006-043	• ACTUATOR-SPOILER -----	REF		A
-6	AN815-4D	• HOSE ASSEMBLY-SPOILER ACTUATOR -----	2		C
-7	MS28778-4	• HOSE ASSEMBLY-SPOILER ACTUATOR -----	2		D
-7	AN832-4D	• CONNECTING PARTS			
-7	MS28778-4	• • UNION -----	2		A
-7	AN924-4D	• • PACKING-O RING -----	2		A
-8	17-100-0142	• • UNION -----	2		A
-8		• • PACKING-O RING -----	2		A
-8		• • NUT -----	2		A
-8		• RESTRICTOR WHEN EXHAUSTED USE			
-8		2R10413-014 -----	2		A
-8		• RESTRICTOR -----	2		N
-9	2R10413-014	• TUBE ASSEMBLY-HYD SPOILER LH UP -----	1		A
-9	2307003-343	• TUBE ASSEMBLY-HYD SPOILER RH UP -----	1		A
-9	2307003-344	• CONNECTING PARTS			
-10	AN815-4D	• • UNION -----	2		A
-10	MS28778-4	• • PACKING-O RING -----	2		A
-11	2307003-337	• TUBE ASSEMBLY-HYD SPOILER LH UP -----	1		A
-11	2307003-338	• TUBE ASSEMBLY-HYD SPOILER RH UP -----	1		A
-12		• CONNECTING PARTS			
-12	AN832-4D	• • UNION -----	2		A
-12	AN924-4D	• • NUT -----	2		A
-13	2307003-335	• TUBE ASSEMBLY-HYD SPOILER LH UP -----	1		A
-13		• CONNECTING PARTS			
-14	AN837-4D	• • ELBOW -----	1		A
-14	AN960D716	• • WASHER -----	1		A
-14	AN924-4D	• • NUT -----	1		A
CONTINUED					
A---ATTACHING PARTS					

LIMITED EFFECTIVITY Serial Code A

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
94 -15	AN804D4	• • TEE -----	1	A	
	AN960D716	• • WASHER -----	1	A	
	AN924-4D	• • NUT -----	1	A	
-16	2307003-336	• TUBE ASSEMBLY-HYD SPOILER LH DOWN -----	1	A	
		• CONNECTING PARTS			
-17	AN837-4D	• • ELBOW -----	1	A	
	AN960D716	• • WASHER -----	1	A	
	AN924-4D	• • NUT -----	1	A	
-18	AN804D4	• • TEE -----	1	A	
	AN960D716	• • WASHER -----	1	A	
	AN924-4	• • NUT -----	1	A	
-19	2307003-339	• TUBE ASSEMBLY-HYD SPOILER LH DOWN -----	1	A	
	2307003-340	• TUBE ASSEMBLY-HYD SPOILER RH DOWN -----	1	A	
-20		• CONNECTING PARTS			
	AN832-4D	• • UNION -----	2	A	
	AN924-4D	• • NUT -----	2	A	
-21	2307003-341	• TUBE ASSEMBLY-HYD SPOILER LH DOWN -----	1	A	
	2307003-342	• TUBE ASSEMBLY-HYD SPOILER RH DOWN -----	1	A	
-22	2307006-031	• HOSE ASSEMBLY-SPOILER ACTUATOR -----	2	C	
	2307006-044	• HOSE ASSEMBLY-SPOILER ACTUATOR -----	2	D	
		• CONNECTING PARTS			
-23	AN832-4D	• • UNION -----	2	A	
	AN924-4D	• • NUT -----	2	A	
-24	AN837-4D	• • ELBOW -----	2	A	
	MS28777-4	• • RING-BACK UP -----	2	A	
	MS28778-4	• • PACKING-O RING -----	2	A	
	AN6289D4	• • NUT -----	2	A	
-25	SEE FIGURE 82	• ACTUATOR-FLAP -----	REF	R	
-26	2307006-033	• HOSE ASSEMBLY-HYDRAULIC FLAP DOWN -----	1	R	
		• CONNECTING PARTS			
-27	AN833-4D	• • ELBOW -----	1	R	
	MS28777-4	• • RING-BACK UP -----	1	R	
	MS28778-4	• • PACKING-O RING -----	1	R	
	AN6289D4	• • NUT -----	1	R	
-28	AN834-4D	• • TEE -----	1	A	
	MS28777-4	• • RING-BACK UP -----	2	A	
	MS28778-4	• • PACKING-O RING -----	2	A	
	AN6289D4	• • NUT -----	2	A	
-29	2307003-359	• TUBE ASSEMBLY-HYDRAULIC FLAP DOWN -----	1	E	
-30	2307003-389	• TUBE ASSEMBLY-HYDRAULIC FLAP DOWN -----	1	F	
-31		• CONNECTING PARTS			
	AN815-4D	• • UNION -----	1	F	
	MS28778-4	• • PACKING-O RING -----	1	F	
-32	2380031-002	• RESTRICTOR -----	1	G	
	2R1047-026	• RESTRICTOR ALT FOR 2380031-002 -----	1	G	
	2R1047-0312	• RESTRICTOR -----	1	H	
-33	2307003-391	• TUBE ASSEMBLY-HYDRAULIC FLAP UP -----	1	F	
-34		• CONNECTING PARTS			
	AN815-4D	• • UNION -----	1	F	
	MS28778-4	• • PACKING-O RING -----	1	F	
-35	2307006-024	• HOSE ASSEMBLY-HYDRAULIC FLAP UP -----	1	R	
		• CONNECTING PARTS			
-36	AN833-4D	• • ELBOW -----	1	R	
	MS28777-4	• • RING-BACK UP -----	1	R	
	MS28778-4	• • PACKING-O RING -----	1	R	
	AN6289D4	• • NUT -----	1	R	
-37	AN834-4D	• • TEE -----	1	A	
	MS28777-4	• • RING-BACK UP -----	1	A	
	MS28778-4	• • PACKING-O RING -----	1	A	
	AN6289D4	• • NUT -----	1	A	
-38	2307003-334	• TUBE ASSEMBLY-HYDRAULIC FLAP UP -----	1	E	
	2307003-388	• TUBE ASSEMBLY-HYDRAULIC -----	1	F	
-39	AN6245A4(1000)	• VALVE-RELIEF CRACK PRESS 1000 PSI -----	1	B	
	AN6245A4(1000)	• VALVE-RELIEF ALT FOR AN6245A4(1000) -----	1	B	
	2380010-003	• VALVE-RELIEF ALT FOR AN6245A4(1000) -----	1	B	
	627L-1000	• VALVE-RELIEF ALT FOR AN6245A4(1000) -----	1	B	
-40	2307003-360	• TUBE ASSEMBLY-HYDRAULIC FLAP RETURN -----	1	A	
		• CONNECTING PARTS			
-41	AN815-4D	• • UNION -----	1	A	
	MS28778-4	• • PACKING-O RING -----	1	A	
-42	AN783D4	• • TEE -----	1	A	
	AN960D716	• • WASHER -----	1	A	
	AN924-4D	• • NUT -----	1	A	
-43	2307003-357	• TUBE ASSEMBLY-HYDRAULIC FLAP RETURN -----	1	A	
-44		• CONNECTING PARTS			
	AN815-4D	• • UNION -----	1	A	
	MS28778-4	• • PACKING-O RING -----	1	A	
-45	AN6245A4(1725)	• VALVE-RELIEF CRACK PRESS 1725 PSI -----	1	J	
	AN6245A4(1725)	• VALVE-RELIEF ALT FOR AN6245A4(1725) -----	1	J	
	AN6245A4(1650)	• VALVE-RELIEF CRACK PRESS 1650 PSI -----	1	K	
	AN6245A4(1650)	• VALVE-RELIEF ALT FOR AN6245A4(1650) -----	1	K	

CONTINUED

A---ATTACHING PARTS

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				1 2 3 4 5 6 7	THRU
94 -	2380080-002	• VALVE-RELIEF FOR SPARES USE AN6245A4(1650) -----	1		T
	AN6245A4(1650)	• VALVE-RELIEF -----	1		Q
-46	AN93704	• CROSS -----	1		D
-47	AN832-4D	• UNION -----	1		D
-48	AN815-4D	• UNION -----	3		D
-49	MS28778-4	• PACKING-O RING -----	4		D
-50	MS28777-4	• RING-BACK UP -----	1		D
-51	AN628904	• NUT -----	1		A
-52	2307003-358	• TUBE ASSEMBLY-HYDRAULIC FLAP RETURN -----	1		C
	2307003-384	• TUBE ASSEMBLY-HYDRAULIC FLAP RETURN -----	1		L
	2307003-390	• TUBE ASSEMBLY-HYDRAULIC FLAP RETURN -----	1		F
-53	6600056-002	• VALVE-FLAP CONTROL USE VENDOR NO SKA-103-2 -----			
	SKA-103-2	• VALVE-FLAP CONTROL REF SPEC CONTROL DWG 6600056-002 -----	1		E
	NAS1190-3P6N	A • SCREW -----	4		E
-54	AN815-4D	• UNION -----	4		E
-55	MS28778-4	• PACKING-O RING -----	4		E
-56	7U7254-60	• VALVE-FLAP CONTROL WHEN EXHAUSTED USE 45000070 -----	1		F
	45000070	• VALVE-FLAP CONTROL ALT FOR 7U7254-60 -----	1		F
-57	AN3-4A	A • BOLT -----	4		F
-58	AN833-4D	• ELBOW -----	1		M
-59	AN815-4D	• UNION -----	2		F
-60	MS28778-4	• PACKING-O RING -----	4		F
-61	MS28777-4	• RING-BACK UP -----	1		F
-62	AN628904	• NUT -----	1		F
	2307006-025	• HOSE ASSEMBLY-HYD FLAP PRESSURE -----	1		C
	2307006-039	• HOSE ASSEMBLY-HYD FLAP PRESSURE -----	1		D
-63	2307006-032	• HOSE ASSEMBLY-HYD FLAP RETURN -----	1		A
-64	2307006-027	• HOSE ASSEMBLY-HYD SPOILER UP -----	1		A
-65	2307006-028	• HOSE ASSEMBLY-HYD SPOILER DOWN -----	1		A
-66	SEE FIGURE 96				
	SEE FIGURE 97	• TUBE ASSEMBLY-FLAP PRESSURE -----	REF		A
-67	SEE FIGURE 92	• TUBE ASSEMBLY-MAIN GEAR DOOR PRESSURE -----	REF		A
-68	SEE FIGURE 92	• TUBE ASSEMBLY-MAIN GEAR DOOR RETURN -----	REF		A
-69	AN815-4D	• UNION -----	1		M
-70	MS28777-4	• RING-BACK UP -----	1		U
-71	AN628904	• NUT -----	1		U
-72	AN834-4D	• TEE -----	2		U
-73	SEE FIGURE 96				
	SEE FIGURE 97	• TUBE ASSEMBLY-FLAP RETURN -----	REF		P
-74	2381401-007	• TUBE ASSY - LH FLAP DOWN -----	1		S
-75	2381401-024	• TUBE ASSY - RH FLAP UP -----	1		S
-76	2381401-004	• TUBE ASSY FLAP DOWN -----	1		S
-77	2381401-005	• TUBE ASSY FLAP UP -----	1		S
-78	AN834-4D	• TEE FLAP HYDRAULIC -----	2		S
-79	2381401-003	• TUBE ASSY - LH FLAP DOWN -----	1		S
	2381401-002	• TUBE ASSY - RH FLAP UP -----	1		S
-80	AN833-4D	• ELBOW FLAP HYDRAULIC -----	4		S
	AN924-4D	A • NUT -----	4		S
	AN960D716	A • WASHER -----	4		S
-81	2381401-013	• TUBE ASSY - LH FLAP DOWN -----	1		S
	2381401-016	• TUBE ASSY - RH FLAP DOWN -----	1		S
-82	2381401-009	• TUBE ASSY - LH FLAP UP -----	1		S
	2381401-012	• TUBE ASSY - RH FLAP UP -----	1		S
-83	AN832-4D	• UNION -----	4		S
	AN924-4D	A • NUT -----	4		S
	AN960D716	A • WASHER -----	4		S
-84	2307024-379	• TUBE ASSY - LH FLAP DOWN -----	1		S
	2307024-380	• TUBE ASSY - RH FLAP DOWN -----	1		S
-85	2307024-377	• TUBE ASSY - LH FLAP UP -----	1		S
	2307024-378	• TUBE ASSY - RH FLAP UP -----	1		S
-86	AN832-4D	• UNION -----	4		S
	AN924-4D	A • NUT -----	4		S
	AN960D716	A • WASHER -----	4		S
-87	2307024-394	• TUBE ASSY - LH FLAP UP -----	1		S
	2307024-395	• TUBE ASSY - RH FLAP UP -----	1		S
-88	2307024-396	• TUBE ASSY - LH FLAP DOWN -----	1		S
	2307024-397	• TUBE ASSY - RH FLAP DOWN -----	1		S
-89	AN815-4D	• UNION -----	4		S
-90	2307024-392	• TUBE ASSY - LH FLAP UP -----	1		S
	2307024-393	• TUBE ASSY - RH FLAP UP -----	1		S
-91	2307024-390	• TUBE ASSY - LH FLAP DOWN -----	1		S
	2307024-391	• TUBE ASSY - RH FLAP DOWN -----	1		S
-92	AN833-4D	• ELBOW LH -----	1		S
	AN832-4D	• UNION RH -----	1		S
	AN628904	A • NUT -----	2		S
	AN960D716	A • WASHER -----	2		S
	MS28777-4	A • RING-BACK UP -----	2		S
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
94 -	MS28778-4	A . PACKING -----	2	S	
-93	AN832-4D	. UNION -----	2	S	
	AN924-4D	A . NUT -----	2	S	
	AN960D716	A . WASHER -----	2	S	
-94	2307006-052	. HOSE ASSY FLAP UP -----	2	S	
	AN833-4D	A . ELBOW -----	2	S	
	AN6289D4	A . NUT -----	2	S	
	MS28777-4	A . RING-BACK UP -----	2	S	
	MS28778-4	A . PACKING -----	2	S	
-95	2307006-053	. HOSE ASSY LH FLAP DOWN -----	1	S	
	2307006-054	. HOSE ASSY RH FLAP DOWN -----	1	S	
	AN833-4D	A . ELBOW -----	2	S	
	AN6289D4	A . NUT -----	2	S	
	MS28777-4	A . RING-BACK UP -----	2	S	
	MS28778-4	A . PACKING -----	2	S	
-96	SEE FIGURE 83	. ACTUATOR - FLAP -----	REF	P	
		A 003 THRU 089 EXCEPT 050A & A/C MOD PER ECR 233, ECR 277, ECR 381, ECR 392 OR ECR 401			
		B 003 THRU 039 EXCEPT A/C MOD PER ECR 233 ECR 277, ECR 381, ECR 392 OR ECR 401			
		C 003 THRU 014 EXCEPT A/C MOD PER ECR 233 OR ECR 392			
		D 015 THRU 089 EXCEPT 050A & A/C MOD PER ECR 233, ECR 277, ECR 381, ECR 392 OR ECR 401			
		E 003 THRU 029 EXCEPT A/C MOD PER ECR 233 ECR 277, ECR 381 OR ECR 392			
		F 030 THRU 089 EXCEPT 050A & A/C MOD PER ECR 233, ECR 392 OR ECR 401			
		G 003 THRU 036 EXCEPT A/C MOD PER ECR 233 ECR 277, ECR 381, ECR 392 OR ECR 401			
		H 037 THRU 089 EXCEPT 050A & A/C MOD PER ECR 233, ECR 392 OR ECR 401			
		J 003 THRU 009 EXCEPT A/C MOD PER ECR 233 OR ECR 392			
		K 010 THRU 039 EXCEPT A/C MOD PER ECR 233 ECR 277, ECR 381, ECR 392 OR ECR 401			
		L 015 THRU 029 EXCEPT A/C MOD PER ECR 233 ECR 277, ECR 381, ECR 392 OR ECR 401			
		M 030 THRU 079 EXCEPT 050A & A/C MOD PER ECR 233, ECR 392 OR ECR 401			
		N SPARE FOR 17-100-0142			
		P SEE REF FIGURE FOR USAGE			
		Q SPARE FOR 2380080-2			
		R 003 THRU 089 EXCEPT 050A & A/C MOD PER ECR 233, ECR 277, ECR 381, ECR 392, OR ECR 401 & EXCEPT A/C MOD PER AMK73-5B			
		S 003 THRU 089 WHEN MOD PER AMK73-5 EXCEPT 050A & EXCEPT A/C MOD PER ECR233, ECR 277, ECR 381, ECR 392 OR ECR 401			
		T 040 THRU 089 EXCEPT 050A			
		U 080 THRU 089			
		A---ATTACHING PARTS			

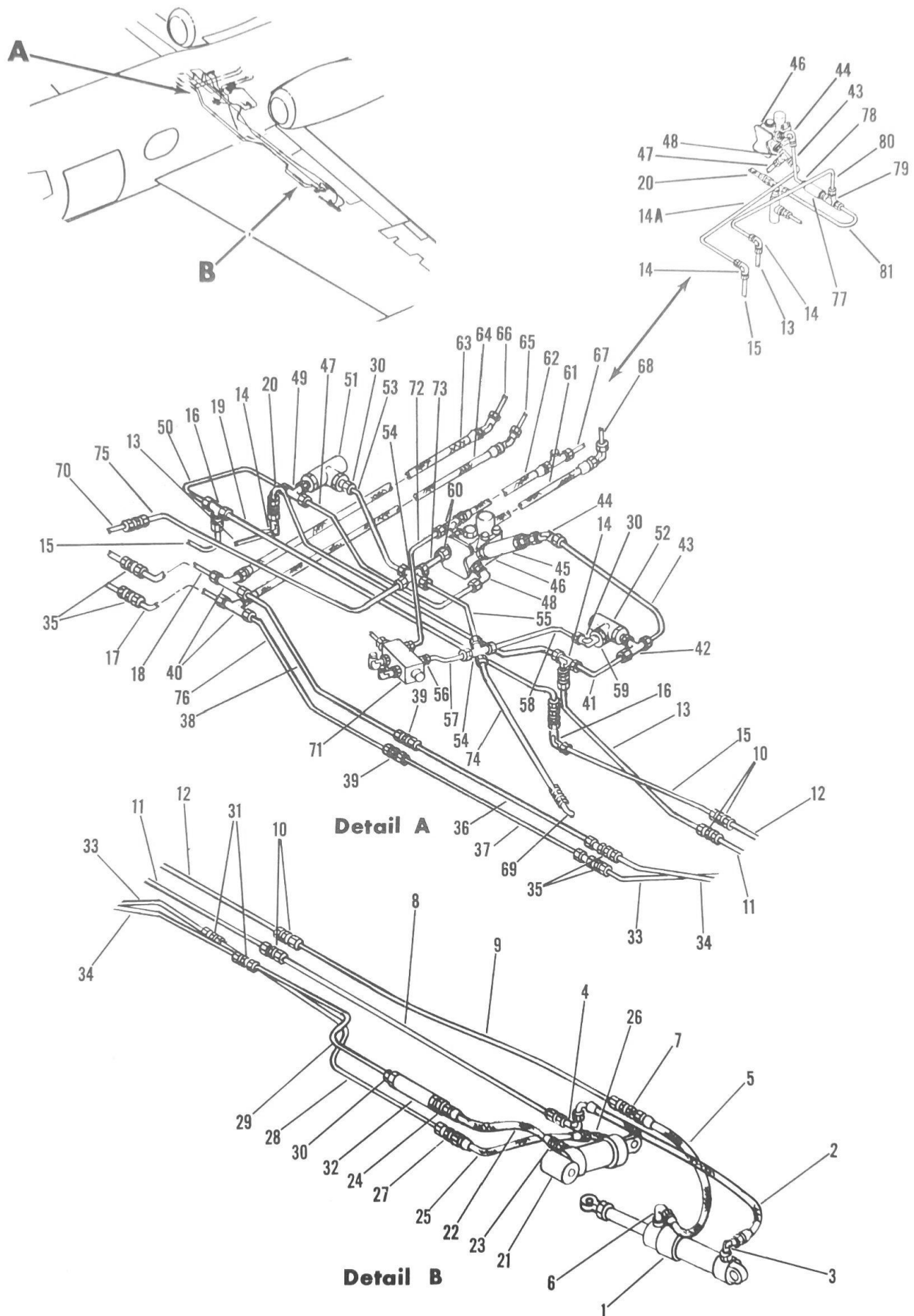


Figure 95. Flap &amp; Spoiler Hydraulic Installation

11-19C  
A11-19C  
B11-19C

**LIMITED EFFECTIVITY Serial Code A**

URE ND EX O.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
1	SEE FIGURE 85	FLAP & SPOILER HYDRAULIC INSTALLATION			
2	2307006-053	• ACTUATOR-FLAP -----	REF	A	
	2307006-054	• HOSE ASSEMBLY-FLAP DOWN LH -----	1	A	
		• HOSE ASSEMBLY-FLAP DOWN RH -----	1	A	
3	AN833-4D	• CONNECTING PARTS		A	
	AN6289D4	• • ELBOW -----	2	A	
	MS28778-4	• • NUT -----	2	A	
	MS28777-4	• • PACKING-O RING -----	2	A	
	AN833-4D	• • RING-BACK UP -----	2	A	
	AN832-4D	• • ELBOW LH SIDE ONLY -----	1	A	
	AN960D716	• • UNION RH SIDE ONLY -----	1	A	
	AN6289D4	• • WASHER RH SIDE ONLY -----	1	A	
	MS28778-4	• • NUT -----	2	A	
	MS28777-4	• • PACKING-O RING LH SIDE ONLY -----	1	A	
	2307006-052	• • RING-BACK UP LH SIDE ONLY -----	1	A	
		• HOSE ASSEMBLY-FLAP UP -----	2	A	
		• CONNECTING PARTS			
	AN833-4D	• • ELBOW -----	2	A	
	AN6289D4	• • NUT -----	2	A	
	MS28777-4	• • RING-BACK UP -----	2	A	
	MS28778-4	• • PACKING-O RING -----	2	A	
	AN832-4D	• • UNION -----	2	A	
	AN924-4D	• • NUT -----	2	A	
	AN960D716	• • WASHER -----	2	A	
	2307023-311	• TUBE ASSEMBLY-FLAP DOWN LH -----	1	A	
	2307023-312	• TUBE ASSEMBLY-FLAP DOWN RH -----	1	A	
	2307023-305	• TUBE ASSEMBLY-FLAP UP LH -----	1	A	
	2307023-306	• TUBE ASSEMBLY-FLAP UP RH -----	1	A	
0	AN832-4D	• UNION -----	8	A	
	AN924-4D	• NUT -----	8	A	
	AN960D716	• WASHER -----	8	A	
1	2307023-309	• TUBE ASSEMBLY-FLAP DOWN LH -----	1	A	
2	2307023-310	• TUBE ASSEMBLY-FLAP DOWN RH -----	1	A	
	2307023-303	• TUBE ASSEMBLY-FLAP UP LH -----	1	A	
	2307023-304	• TUBE ASSEMBLY-FLAP UP RH -----	1	A	
3	2307023-307	• TUBE ASSEMBLY-FLAP DOWN LH -----	1	C	
	2327000-707-9	• TUBE ASSEMBLY-FLAP DOWN LH -----	1	G	
	2307023-308	• TUBE ASSEMBLY-FLAP DOWN RH -----	1	C	
	2327000-707-10	• TUBE ASSEMBLY-FLAP DOWN RH -----	1	G	
4		• CONNECTING PARTS			
	AN833-4D	• • ELBOW -----	2	G	
	AN834-4D	• • TEE LH SIDE ONLY -----	1	C	
	AN837-4D	• • ELBOW RH SIDE ONLY -----	1	C	
	AN924-4D	• • NUT -----	2	A	
	AN960D716	• • WASHER -----	2	C	
4A	2327000-707-1	• TUBE ASSEMBLY-FLAP UP -----	1	G	
5	2307023-301	• TUBE ASSEMBLY-FLAP UP LH -----	1	C	
	2327000-707-7	• TUBE ASSEMBLY-FLAP UP LH -----	1	G	
	2307023-302	• TUBE ASSEMBLY-FLAP UP RH -----	1	C	
	2327000-707-8	• TUBE ASSEMBLY-FLAP UP RH -----	1	G	
6		• CONNECTING PARTS			
	AN833-4D	• • ELBOW -----	2	G	
	AN837-4D	• • ELBOW LH SIDE ONLY -----	1	C	
	AN834-4D	• • TEE RH SIDE ONLY -----	1	C	
	AN960D716	• • WASHER -----	2	C	
	AN924-4D	• • NUT -----	2	A	
7	2307023-314	• TUBE ASSEMBLY-SPOILER DOWN RH -----	1	A	
8	2307023-334	• TUBE ASSEMBLY-SPOILER UP RH -----	1	A	
9	2307023-363	• TUBE ASSEMBLY-FLAP UP -----	1	A	
0	2307023-362	• TUBE ASSEMBLY-FLAP DOWN -----	1	C	
	2327000-707-5	• TUBE ASSEMBLY-FLAP DOWN -----	1	G	
1	SEE FIGURE 7	• ACTUATOR-SPOILER -----	REF	A	
2	2307006-043	• HOSE ASSEMBLY-SPOILER -----	2	A	
		• CONNECTING PARTS			
3	AN815-4D	• • UNION -----	2	A	
	MS28778-4	• • PACKING-O RING -----	2	A	
4	AN832-4D	• • UNION -----	2	A	
	AN924-4D	• • NUT -----	2	A	
	MS28778-4	• • PACKING-O RING -----	2	A	
	2307006-044	• HOSE ASSEMBLY-SPOILER -----	2	A	
		• CONNECTING PARTS			
	AN837-4D	• • ELBOW -----	2	A	
	AN6289D4	• • NUT -----	2	A	
	MS28777-4	• • RING-BACK UP -----	2	A	
	MS28778-4	• • PACKING-O RING -----	2	A	
	AN832-4D	• • UNION -----	2	A	
	AN924-4D	• • NUT -----	2	A	
	2307023-317	• TUBE ASSEMBLY-SPOILER DOWN LH -----	1	090	
	2307023-385	• TUBE ASSEMBLY-SPOILER DOWN LH -----	1	B	
	2307023-318	• TUBE ASSEMBLY-SPOILER DOWN RH -----	1	090	
	2307023-384	• TUBE ASSEMBLY-SPOILER DOWN RH -----	1	B	
		CONTINUED			
		A---ATTACHING PARTS			



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
95 -29	2307023-337	• TUBE ASSEMBLY-SPOILER UP LH -----	1	090	
	2307023-381	• TUBE ASSEMBLY-SPOILER UP LH -----	1	B	
	2307023-338	• TUBE ASSEMBLY-SPOILER UP RH -----	1	090	
	2307023-380	• TUBE ASSEMBLY-SPOILER UP RH -----	1	B	
-30	AN815-4D	• UNION -----	4	A	
	MS28778-4	• PACKING-O RING -----	4	A	
-31	AN815-4D	• UNION -----	4	090	
	AN832-4D	• UNION -----	4	B	
	AN924-4D	• NUT -----	4	B	
	AN960D716	• WASHER -----	4	B	
-32	17-100-0142	• RESTRICTOR WHEN EXHAUSTED USE 2R10413-014 -----	2	A	
	2R10413-014	• RESTRICTOR -----	2	F	
-33	2307023-315	• TUBE ASSEMBLY-SPOILER DOWN LH -----	1	090	
	2307023-383	• TUBE ASSEMBLY-SPOILER DOWN LH -----	1	D	
	2327000-705-1	• TUBE ASSEMBLY-SPOILER DOWN LH -----	1	G	
	2307023-316	• TUBE ASSEMBLY-SPOILER DOWN RH -----	1	090	
	2307023-382	• TUBE ASSEMBLY-SPOILER DOWN RH -----	1	D	
-34	2307023-335	• TUBE ASSEMBLY-SPOILER UP LH -----	1	090	
	2307023-379	• TUBE ASSEMBLY-SPOILER UP LH -----	1	D	
	2327000-705-3	• TUBE ASSEMBLY-SPOILER UP LH -----	1	G	
	2307023-336	• TUBE ASSEMBLY-SPOILER UP RH -----	1	090	
	2307023-378	• TUBE ASSEMBLY-SPOILER UP RH -----	1	D	
-35	AN832-4D	• UNION -----	4	A	
	AN924-4D	• NUT -----	4	A	
	AN960D716	• WASHER -----	4	A	
-36	2307023-313	• TUBE ASSEMBLY-SPOILER DOWN LH -----	1	A	
-37	2307023-333	• TUBE ASSEMBLY-SPOILER UP LH -----	1	A	
-38	2307023-369	• TUBE ASSEMBLY-SPOILER UP RH -----	1	A	
-39	AN832-4D	• UNION -----	2	A	
	AN960D716	• WASHER -----	2	A	
	AN924-4D	• NUT -----	2	A	
-40	AN834-4D	• TEE -----	2	A	
	AN924-4D	• NUT -----	2	A	
	AN960D716	• WASHER -----	2	A	
-41	2307023-361	• TUBE ASSEMBLY-FLAP DOWN -----	1	A	
-42		• CONNECTING PARTS			
	AN834-4D	• TEE -----	1	A	
	AN6289D4	• NUT -----	1	A	
	MS28777-4	• RING-BACK UP -----	1	A	
	MS28778-4	• PACKING-O RING -----	1	A	
-43	2307023-365	• TUBE ASSEMBLY-FLAP DOWN -----	1	A	
-44		• CONNECTING PARTS			
	AN837-4D	• ELBOW -----	1	C	
	AN833-4D	• ELBOW -----	1	G	
	AN6289D4	• NUT -----	1	A	
	MS28777-4	• RING-BACK UP -----	1	A	
	MS28778-4	• PACKING-O RING -----	1	A	
-45	2R1047-0312	• RESTRICTOR -----	1	C	
-45A		• CONNECTING PARTS			
	AN815-4D	• UNION -----	1	C	
	MS28778-4	• PACKING-O RING -----	1	C	
-46	7U7254-60	• VALVE-FLAP CONTROL WHEN EXHAUSTED USE 45000070 -----	1	A	
	45000070	• VALVE-FLAP CONTROL ALT FOR 7U7254-60 -----	1	A	
	AN3-4A	A • BOLT -----	4	A	
-47	2307023-367	• TUBE ASSEMBLY-FLAP UP -----	1	C	
	2327000-707-6	• TUBE ASSEMBLY-FLAP UP -----	1	G	
		• CONNECTING PARTS			
-48	AN833-4D	• ELBOW -----	1	C	
	AN804D4	• TEE -----	1	G	
	AN6289D4	• NUT -----	1	A	
	MS28777-4	• RING-BACK UP -----	1	A	
	MS28778-4	• PACKING-O RING -----	1	A	
-49	AN834-4D	• TEE -----	1	A	
	AN6289D4	• NUT -----	1	A	
	MS28777-4	• RING-BACK UP -----	1	A	
	MS28778-4	• PACKING-O RING -----	1	A	
-50	2307023-364	• TUBE ASSEMBLY-FLAP UP -----	1	C	
	2327000-707-4	• TUBE ASSEMBLY-FLAP UP -----	1	G	
-51	2380080-001	• VALVE-RELIEF -----	1	A	
-52	2380080-002	• VALVE-RELIEF -----	1	A	
	AN6245A4(1650)	• VALVE-RELIEF ALT FOR 2380080-002 -----	1	A	
-53	2307023-366	• TUBE ASSEMBLY-FLAP RETURN -----	1	A	
-54	AN827-4D	• CROSS -----	2	A	
-55	2307023-394	• TUBE ASSEMBLY-MAIN GEAR DOOR RETURN -----	1	A	
-56	AN6207-4	• VALVE-CHECK -----	1	A	
	MS28778-4	• PACKING-O RING -----	1	A	
-57	2307023-392	• TUBE ASSEMBLY-DOOR RETURN -----	1	A	
-58	2307023-393	• TUBE ASSEMBLY-DOOR RETURN -----	1	A	
-59		• CONNECTING PARTS			

CONTINUED  
A---ATTACHING PARTS



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
95 -	AN833-4D	• ELBOW -----	1	A	
	AN6289D4	• NUT -----	1	A	
	MS28778-4	• PACKING-O RING -----	1	A	
	MS28777-4	• RING-BACK UP -----	1	A	
-60	AN834-4D	• TEE -----	2	A	
	AN6289D4	• NUT -----	2	A	
	MS28777-4	• RING-BACK UP -----	2	A	
	MS28778-4	• PACKING-O RING -----	2	A	
-61	2307006-032	• HOSE ASSEMBLY-FLAP RETURN -----	1	A	
-62	2307006-039	• HOSE ASSEMBLY-FLAP PRESSURE -----	1	A	
-63	2307006-027	• HOSE ASSEMBLY-SPOILER UP -----	1	A	
-64	2307006-028	• HOSE ASSEMBLY-SPOILER DOWN -----	1	A	
-65	SEE FIGURE 97	• TUBE ASSEMBLY-SPOILER DOWN -----	REF	A	
-66	SEE FIGURE 97	• TUBE ASSEMBLY-SPOILER UP -----	REF	A	
-67	SEE FIGURE 97	• TUBE ASSEMBLY-FLAP PRESSURE -----	REF	A	
-68	SEE FIGURE 97	• TUBE ASSEMBLY-FLAP RETURN -----	REF	A	
-69	SEE FIGURE 99	• TUBE ASSEMBLY-BRAKE RETURN LH -----	REF	E	
	SEE FIGURE 99A	• TUBE ASSEMBLY-BRAKE RETURN LH -----	REF	C	
-70	SEE FIGURE 99	• TUBE ASSEMBLY-BRAKE RETURN RH -----	REF	E	
	SEE FIGURE 99A	• TUBE ASSEMBLY-BRAKE RETURN RH -----	REF	C	
-71	SEE FIGURE 92	• VALVE-MAIN GEAR DOOR CONTROL -----	REF	A	
-72	2307023-355	• TUBE ASSEMBLY-MAIN GEAR DOOR PRESSURE -----	1	A	
-73	2307023-357	• TUBE ASSEMBLY-MAIN GEAR DOOR RETURN -----	1	A	
-74	2307023-395	• TUBE ASSEMBLY-BRAKE RETURN LH -----	1	A	
-75	2307023-359	• TUBE ASSEMBLY-BRAKE RETURN RH -----	1	A	
-76	2307023-368	• TUBE ASSEMBLY-SPOILER DOWN -----	1	A	
-77	2R1047-0312	• RESTRICTOR -----	1	G	
-78	AN815-4D	• UNION -----	1	G	
	MS28778-4	• PACKING-O RING -----	1	G	
-79	AN804D4	• TEE -----	1	G	
	AN6289D4	• NUT -----	1	G	
	MS28777-4	• RING-BACK UP -----	1	G	
	MS28778-4	• PACKING-O RING -----	1	G	
-80	2327000-707-2	• TUBE ASSEMBLY-FLAP DOWN -----	1	G	
-81	2327000-707-3	• TUBE ASSEMBLY-FLAP DOWN -----	1	G	
		A 050A & 090 & ON & A/C MOD PER ECR 233			
		ECR 277, ECR 381, ECR 392 OR ECR 401			
		B 003 THRU 039 WHEN MOD PER ECR 233			
		ECR 277, ECR 381, ECR 392 OR ECR 401			
		& 050A			
		C 090 & ON & A/C MOD PER ECR 233			
		ECR 277, ECR 381, ECR 392 OR ECR 401			
		D 003 THRU 039 WHEN MOD PER ECR 233			
		ECR 277, ECR 381, ECR 392 OR ECR 401			
		E 090 & ON EXCEPT A/C MOD PER ECR 227			
		F SPARE FOR 17-100-0142			
		G 050A ONLY			
		A---ATTACHING PARTS			

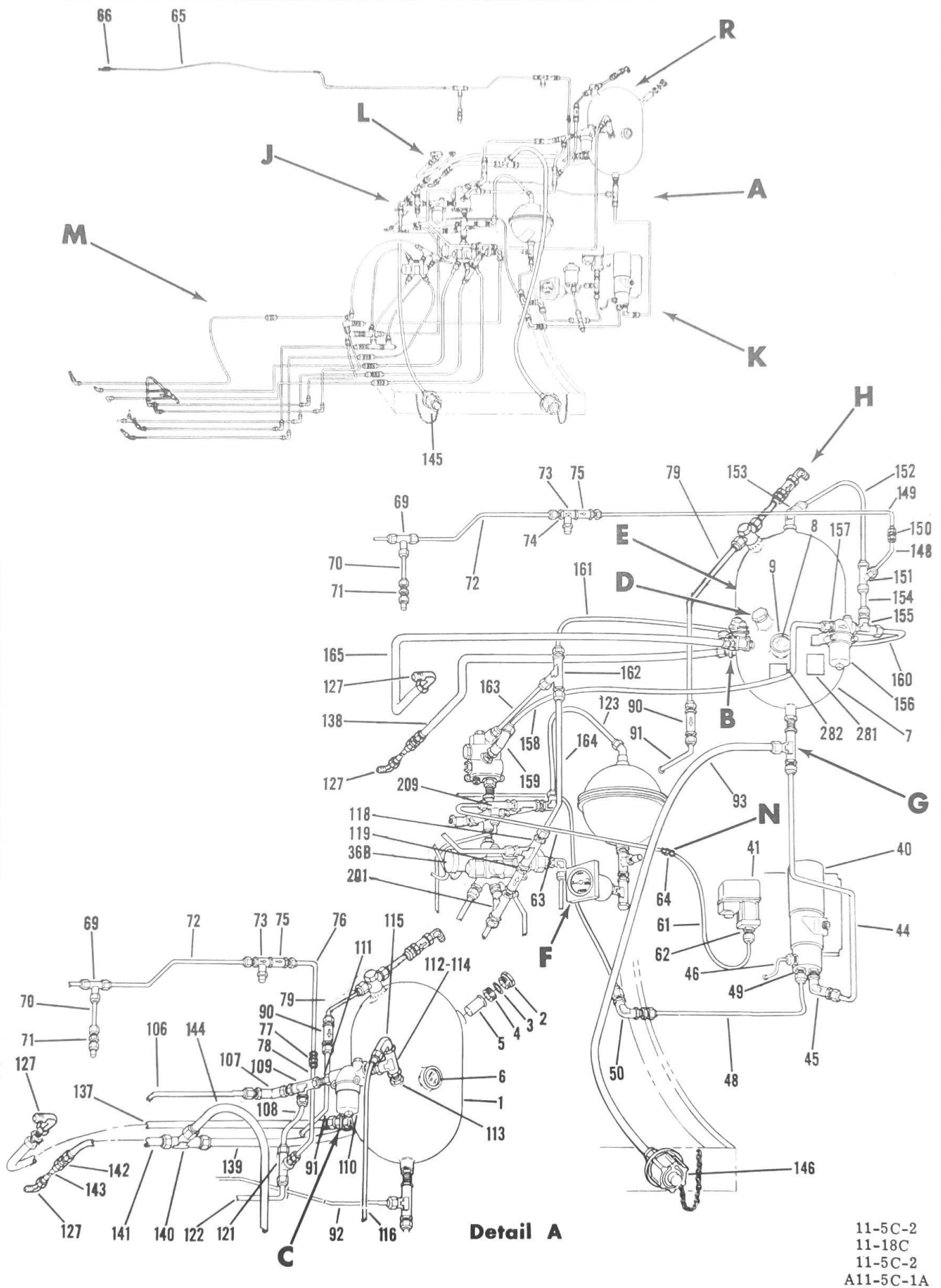
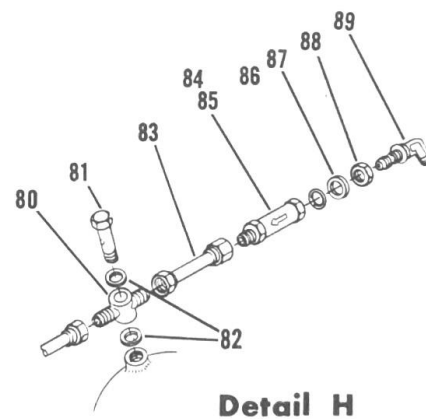
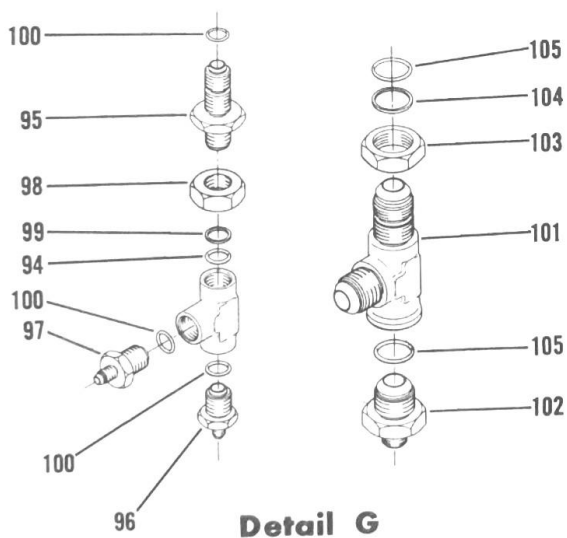
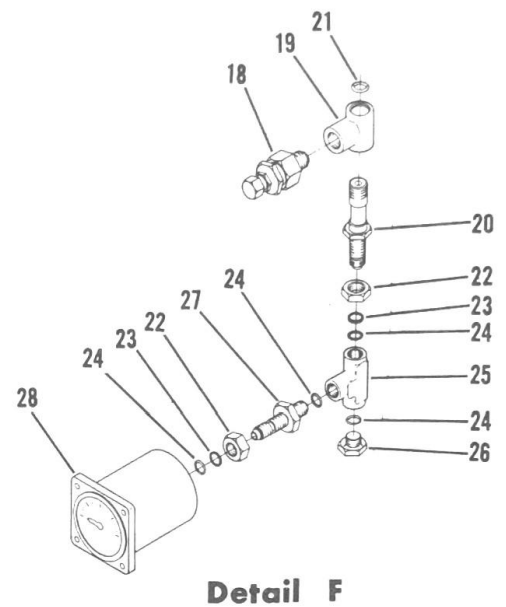
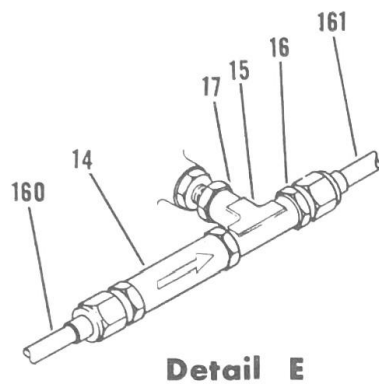
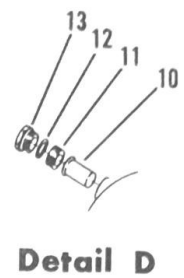
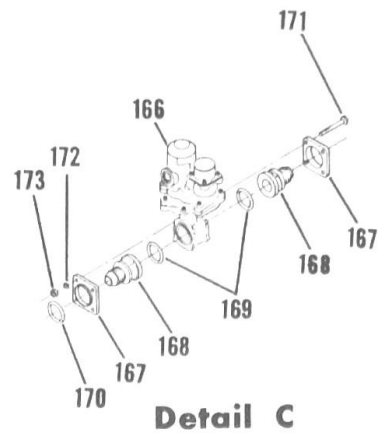
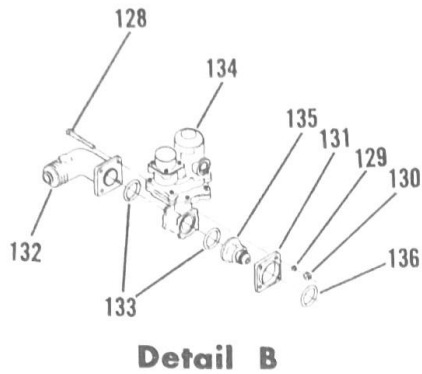


Figure 96. Tailcone Hydraulic Installation (Sheet 1 of 4)

LIMITED EFFECTIVITY Serial Code AH



B11-17C  
C11-17C  
D11-18C  
E11-18C  
F11-17C  
G11-17C  
H11-18C

Figure 96. Tailcone Hydraulic Installation (Sheet 2 of 4)

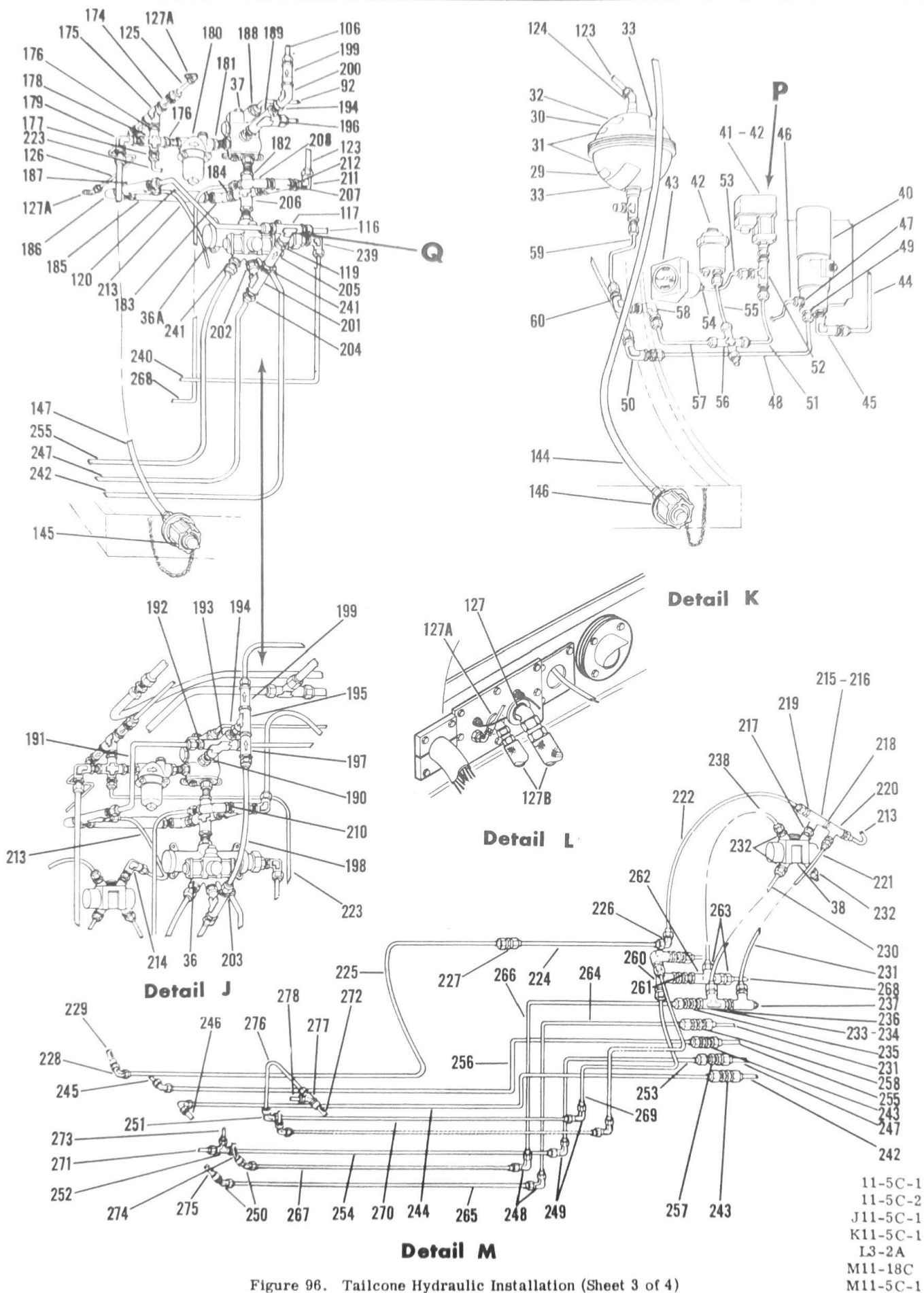
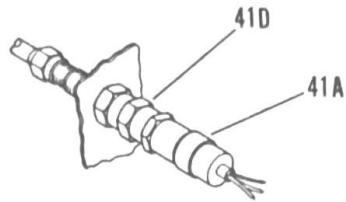
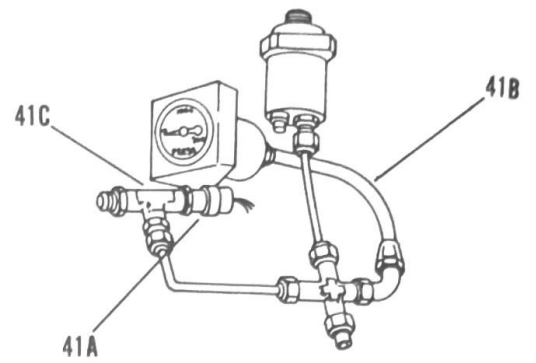
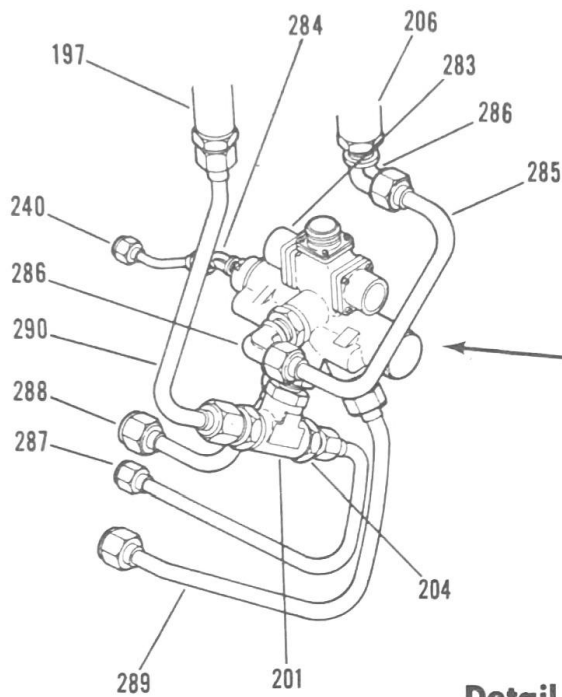
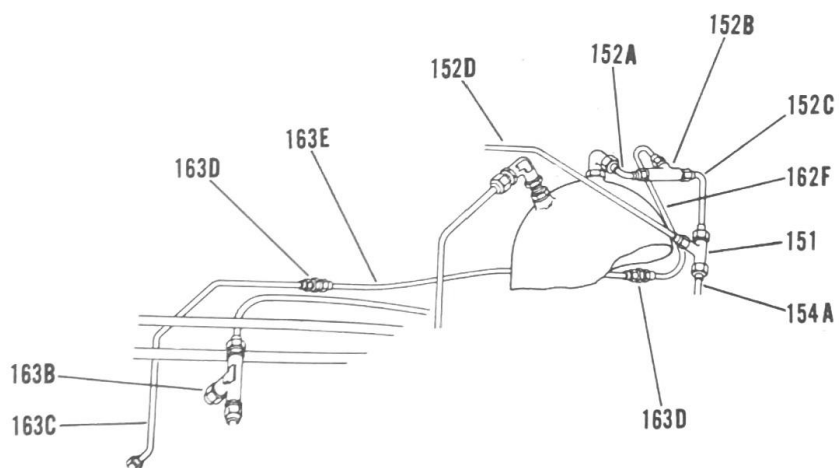
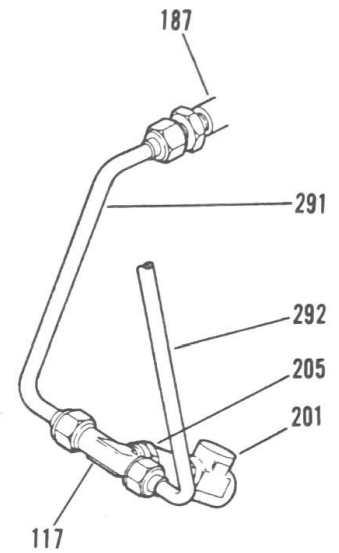
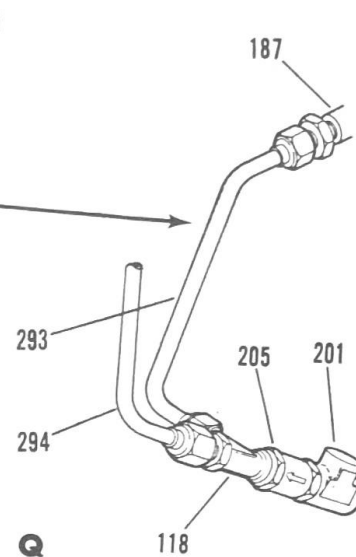


Figure 96. Tailcone Hydraulic Installation (Sheet 3 of 4)

**Detail N****Detail P****Detail Q****Detail R**

N11-5C-13  
P11-5C-13  
Q11-5C-13  
R11-5C-13

Figure 96. Tailcone Hydraulic Installation (Sheet 4 of 4)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
96 -		TAILCONE HYDRAULIC INSTALLATION			
-1	2317021-001	• RESERVOIR ASSEMBLY-HYDRAULIC -----	1	AH	
-2	2317020-001	• • WELD ASSEMBLY-HYDRAULIC RESERVOIR -----	1	AJ	
-3	2317050-004	• • CAP -----	1	AJ	
-4	MS28778-20	• • PACKING-O RING -----	1	AJ	
-5	2317050-003	• • NUT -----	1	AJ	
-6	2317053-001	• • TUBE ASSEMBLY-HYDRAULIC RESERVOIR -----	1	AJ	
	2317073-002	• • WINDOW-SIGHT GLASS -----	1	AJ	
	MS28775-220	• • PACKING-O RING -----	1	AJ	
	2317050-002	• • NUT -----	1	AJ	
	2317072-001	• RESERVOIR ASSEMBLY-HYDRAULIC -----	1	Q	
	2317072-004	• RESERVOIR ASSEMBLY-HYDRAULIC -----	1	R	
-7	2317075-001	• • WELD ASSEMBLY-HYDRAULIC RESERVOIR -----	1	Q	
	2317075-009	• • WELD ASSEMBLY-HYDRAULIC RESERVOIR -----	1	R	
-8	2317073-002	• • WINDOW-SIGHT GLASS -----	1	AK	
	MS28775-220	• • PACKING-O RING -----	1	AK	
-9	2317050-005	• • NUT -----	1	AK	
-10	2317053-004	• • TUBE ASSEMBLY-HYDRAULIC RESERVOIR -----	1	AK	
-11	2317050-003	• • NUT -----	1	AK	
-12	MS28778-20	• • PACKING-O RING -----	1	AK	
-13	AN814-20D	• • PLUG -----	1	AK	
-14	5177A-8TT20	• • VALVE-RELIEF -----	1	Q	
	5177A-8TT10	• • VALVE-RELIEF -----	1	R	
	MS28778-8	• • PACKING-O RING -----	1	AK	
-15	AN938-80	• • TEE -----	1	AK	
		• • CONNECTING PARTS			
-16	AN815-80	• • • UNION -----	1	AK	
	MS28778-8	• • • PACKING-O RING -----	1	AK	
-17	AN832-80	• • • UNION -----	1	AK	
	MS28778-8	• • • PACKING-O RING -----	1	AK	
	MS28777-8	• • • RING-BACK UP -----	1	AK	
	AN6289D8	• • • NUT -----	1	AK	
-18	MS28889-1	• ACCUMULATOR INSTALLATION-HYDRAULIC -----	1	AH	
-19	AN6285D1	• • VALVE-AIR -----	1	AH	
-20	AN6285-2	• • BODY -----	1	AH	
-21	MS24690	• • BOLT -----	1	AH	
-22	AN6289D4	• • PACKING-O RING -----	1	AH	
-23	MS28777-4	• • NUT -----	2	AA	
-24	MS28778-4	• • RING-BACK UP -----	2	AA	
-25	AN938-4D	• • PACKING-O RING -----	4	AA	
-26	AN814-4D	• • TEE -----	1	AA	
-27	AN832-4D	• • PLUG -----	1	AA	
-28	S-218-1	• • UNION -----	1	AA	
-29	2314035-010	• • GAGE-PRESSURE -----	1	AA	
	2314035-050	• • DECAL-HYD ACCUM CHARGE TO 500 PSI -----	1	M	
-30	2380025-013	• • DECAL-HYD ACCUM CHARGE TO 850 PSI -----	1	L	
		• • ACCUMULATOR ASSY WHEN EXHAUSTED			
	2380167-001	USE 2380167-001 -----	1	AH	
	184569	• • ACCUMULATOR ASSY -----	1	BM	
-31	S-902	• • • DIAPHRAGM -----	1	AH	
-32	S-903	• • • PLATE-IDENTIFICATION -----	1	AH	
-33	2380025-003	• • • PLATE-IDENTIFICATION ASSY DATE -----	1	AH	
-36	2380022-001	• • • PLACARD-HYDRAULIC ACCUMULATOR -----	2	AH	
		• VALVE-GEAR SELECTOR SOLENOID 812			
		WHEN EXHAUSTED USE 2397152-001 -----	1	BS	
		• • • REF INDEX 350 -----	1	BS	
-36A	48C48603	• VALVE-GEAR SELECTOR SOLENOID -----	1	BT	
	2380022-001	• VALVE-GEAR SELECTOR SOLENOID WHEN			
		EXHAUSTED USE 2397152-002			
		REF INDEX 351 -----	1	BU	
-36B	48C48603	• VALVE-GEAR SELECTOR SOLENOID -----	1	BV	
	2380022-001	• VALVE-GEAR SELECTOR SOLENOID WHEN			
		EXHAUSTED USE 2397152-003			
		REF INDEX 352 -----	1	BX	
-37	48C48603	• VALVE-GEAR SELECTOR SOLENOID -----	1	BY	
	2380030-001	• REGULATOR ASSY-PRESSURE WHEN			
		EXHAUSTED USE 2380030-012 -----	1	F	
	2380030-012	• REGULATOR ASSY-PRESSURE WHEN			
		EXHAUSTED USE 2380030-015 -----	1	G	
	2380030-014	• REGULATOR ASSY-PRESSURE WHEN			
		EXHAUSTED USE 2380030-015 -----	1	AW	
-38	2380030-015	• REGULATOR ASSY-PRESSURE -----	1	AW	
	7U7254-60	• VALVE-SPOILER CONTROL WHEN			
		EXHAUSTED USE 45000070 -----	1	AH	
	45000070	• VALVE-SPOILER CONTROL ALT FOR			
		7U7254-60 -----	1	AH	
-40	2380007-003	• PUMP ASSY-AUX HYD HPI FOR SPARES			
		USE 2397200-001 -----	1	AH	
	2397001-005	• • SEAL KIT - AUX HYDRAULIC PUMP -----	1	BL	
	2397200-001	• KIT-AUX HYD PUMP ASSY SPECIAL SPARES -----	1	AH	
	2380095-022	• • PUMP ASSY-AUX HYD WHEN EXHAUSTED			
		CONTINUED			
		A---ATTACHING PARTS			



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
96 -	2380095-014	USE 2380095-014 ----- • PUMP ASSY - AUX HYDRAULIC WHEN ----- EXHAUSTED USE 2380095-003 -----	1 4 1	AH AH AH	
	2380095-003	• PUMP ASSY - AUX HYDRAULIC -----	1	BJ	
	2397001-014	• SEAL KIT - AUX HYDRAULIC PUMP -----	1	BP	
	2397001-006	• SEAL KIT - AUX HYDRAULIC PUMP -----	1	BN	
	AN4-6A	• BOLT-SUPPORT -----	4	AH	
-41	2380036-001	• SWITCH ASSY-HYD PRESSURE WHEN EXHAUSTED USE 2397203-001 OR 2397203-002 KITS -----	1	AY	
	2380036-005	• SWITCH ASSY-HYD PRESSURE ALT FOR 2380036-001 WHEN EXHAUSTED USE 2397203-001 OR -002 KITS -----	1	AY	
	2380036-003	• PLATE-NAME USED ON 2380036-001 -----	1	AY	
	2380036-011	• PLATE-NAME USED ON 2380036-005 -----	1	AY	
	2397203-001	• KIT-HYDRAULIC PRESSURE SWITCH -----	1	X	
	2397203-002	• KIT-HYDRAULIC PRESSURE SWITCH -----	1	Y	
	80C678	• SWITCH-PRESSURE PSW13 -----	1	AX	
	2397151-004	• KIT-HYDRAULIC PRESSURE SWITCH -----	1	AZ	
	2397151-001	• KIT-HYDRAULIC PRESSURE SWITCH -----	1	BA	
	2397151-005	• KIT-HYDRAULIC PRESSURE SWITCH -----	1	BB	
-41A	730617	• SWITCH - HYDRAULIC PRESSURE -----	1	BC	
	MS28778-4	• PACKING -----	1	BE	
	MS28778-4	• PACKING -----	2	BF	
-41B	2307006-042	• HOSE ASSY -----	1	BD	
-41C	AN784D4	• TEE -----	1	BD	
-41D	NAS424-4D	• COUPLING -----	1	BF	
-42	6600014-001	• TRANSMITTER-HYDRAULIC PRESSURE USE VENDOR NO ST-106N OR ST-53A			
	ST-106N	• TRANSMITTER-HYDRAULIC PRESSURE REF SPEC CONTROL DWG 6600014-001 -----	1	AJ	
	ST-53A	• TRANSMITTER-HYDRAULIC PRESSURE REF SPEC CONTROL DWG 6600014-001 ALT FOR ST-106N -----	1	AJ	
-43	S-218-1	• GAGE-PRESSURE -----	1	AJ	
-44	2307003-447	• TUBE ASSEMBLY-AUXILIARY PUMP SUPPLY -----	1	H	
	2307003-472	• TUBE ASSEMBLY-AUXILIARY PUMP SUPPLY -----	1	J	
-45		• CONNECTING PARTS			
	AN833-6D	• ELBOW -----	1	AH	
	AN6289D6	• NUT -----	1	AH	
	MS28777-6	• RING-BACK UP -----	1	AH	
	MS28778-6	• PACKING-O RING -----	1	AH	
-46	2307003-448	• TUBE ASSEMBLY-AUXILIARY PUMP DRAIN -----	1	K	
-47	AN816-4D	• NIPPLE -----	1	AH	
-48	2307003-438	• TUBE ASSEMBLY-AUXILIARY PUMP PRESSURE -----	1	H	
	2307003-490	• TUBE ASSEMBLY-AUXILIARY PUMP PRESSURE -----	1	J	
		• CONNECTING PARTS			
-49	AN815-4	• UNION -----	1	AH	
	2677A-4TT	• VALVE-CHECK -----	1	AK	
	MS28778-4	• PACKING-O RING -----	1	AH	
-50	AN833-4D	• ELBOW -----	1	AH	
	AN924-4D	• NUT -----	1	AH	
	AN960D716	• WASHER -----	1	AH	
-51	2307002-413	• TUBE ASSEMBLY-PRESSURE SWITCH -----	1	AJ	
-52		• CONNECTING PARTS			
	AN804D4	• TEE -----	1	AJ	
	AN6289D4	• NUT -----	1	AJ	
	MS28777-4	• RING-BACK UP -----	1	AJ	
	MS28778-4	• PACKING-O RING -----	1	AJ	
	AN893-2D	• REDUCER -----	1	AJ	
-53	2307002-412	• TUBE ASSEMBLY-AIR MANIFOLD ACCUMULATOR -----	1	Z	
-54		• CONNECTING PARTS			
	AN815-4D	• UNION -----	1	AJ	
	MS28778-4	• PACKING-O RING -----	1	AJ	
-55	2307002-414	• TUBE ASSEMBLY-AIR MANIFOLD ACCUMULATOR -----	1	AJ	
-56		• CONNECTING PARTS			
	AN827-4D	• CROSS -----	1	AJ	
	AN929-4	• CAP -----	1	AJ	
-57	2307002-415	• TUBE ASSEMBLY-AIR MANIFOLD ACCUMULATOR -----	1	AJ	
-58		• CONNECTING PARTS			
	AN924-4D	• NUT -----	1	AJ	
	AN960D716	• WASHER -----	1	AJ	
	AN833-4D	• ELBOW -----	1	AJ	
-59	2307002-416	• TUBE ASSEMBLY-AIR MANIFOLD ACCUMULATOR -----	1	Z	
	2381241-002	• TUBE ASSEMBLY-AIR MANIFOLD ACCUMULATOR -----	1	AB	
-60		• CONNECTING PARTS			
	AN815-4D	• UNION -----	1	AJ	
	MS28778-4	• PACKING-O RING -----	2	AJ	
	MS28777-4	• RING-BACK UP -----	1	AJ	
	AN939D4	• ELBOW -----	1	AJ	
	AN6289D4	• NUT -----	1	AJ	

CONTINUED  
A---ATTACHING PARTS



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
96 -61	2307003-489	• TUBE ASSEMBLY-AUXILIARY PUMP PR SWITCH -----	1	AK	
-62	AN919-60	• CONNECTING PARTS -----	1	AK	
	MS28778-6	• • REDUCER -----	1	AK	
-63	2307003-488	• • PACKING-O RING -----	1	AK	
-64		• TUBE ASSEMBLY-AUXILIARY PUMP PR SWITCH -----	1	AK	
	AN832-40	• CONNECTING PARTS -----	1	AK	
	AN924-40	• • UNION -----	1	AK	
-65	2381356-005	• • NUT -----	1	AK	
		• TUBE ASSEMBLY-RESERVOIR PRESSURIZATION -----	1	AH	
-66	AN832-40	• CONNECTING PARTS -----	1	AH	
	AN924-40	• • UNION -----	1	AH	
	S-140-4	• • NUT -----	1	AH	
-69	AN824-40	• • WASHER-SEAL -----	1	AH	
-70	2307002-423	• TEE -----	1	AH	
-71		• TUBE ASSEMBLY-RESERVOIR PRESS DRAIN -----	1	AH	
	AN815-40	• CONNECTING PARTS -----	1	AH	
	AN929-4	• • UNION -----	1	AH	
-72	2381356-006	• • CAP -----	1	AH	
-73	2380064-001	• TUBE ASSEMBLY-RESERVOIR PRESSURIZATION -----	1	AH	
	2380064-002	• FILTER ASSY-RESERVOIR PRESSURIZATION -----	1	AH	
	MS28778-8	• • PLATE-NAME -----	1	AH	
	51356	• • PACKING-O RING -----	1	AH	
-74	AN815-40	• • ELEMENT-FILTER -----	1	AH	
	MS28778-4	• UNION -----	1	AH	
-75	876-4TT-4	• PACKING-O RING -----	1	AH	
	MS28778-4	• VALVE-CHECK -----	1	AH	
-76	2307002-421	• PACKING-O RING -----	1	AH	
-77	AN919-60	• TUBE ASSEMBLY-RESERVOIR PRESSURIZATION -----	1	AJ	
-78	2307002-422	• REDUCER -----	1	AJ	
-79	2307003-429	• TUBE ASSEMBLY-RESERVOIR PRESSURIZATION -----	1	AJ	
	2307003-466	• TUBE ASSEMBLY-RESERVOIR VENT -----	1	T	
	2307023-466	• TUBE ASSEMBLY-RESERVOIR VENT -----	1	U	
		• TUBE ASSEMBLY-RESERVOIR VENT -----	1	V	
	AN833-80	• CONNECTING PARTS -----	1	W	
	AN6289D8	• • ELBOW -----	1	W	
	MS28778-8	• • NUT -----	1	W	
	MS28777-8	• • PACKING-O RING -----	1	W	
-80	AN779-80	• • RING-BACK UP -----	1	W	
-81	AN775-80	• VALVE INSTALLATION-RELIEF -----	1	V	
-82	AN901-8A	• • FITTING -----	1	V	
-83	2307003-499	• • BOLT -----	1	V	
	2380103-001	• • GASKET -----	2	V	
-84	877A-8BT-3MAX	• TUBE ASSEMBLY-VACUUM RELIEF -----	1	V	
-85	S-902	• VALVE ASSEMBLY-HYD RESERVOIR RELIEF -----	1	V	
	2314035-063	• • VALVE-CHECK -----	1	V	
-86	MS28778-8	• • PLATE-IDENTIFICATION -----	1	V	
-87	MS28777-8	• • PLACARD-RESERVOIR PORT -----	1	V	
-88	AN6289D8	• • PACKING-O RING -----	1	V	
-89	AN833-80	• RING-BACK UP -----	1	V	
-90	5177A-8TT10	• • NUT -----	1	V	
-91	2307003-456	• • ELBOW -----	1	V	
	2307003-467	• VALVE-RELIEF -----	1	AH	
-92	2307023-465	• TUBE ASSEMBLY-RESERVOIR VENT -----	1	T	
-93	2307003-434	• TUBE ASSEMBLY-RESERVOIR VENT -----	1	U	
-94	2307003-469	• TUBE ASSEMBLY-RESERVOIR VENT -----	1	V	
-95	AN938-80	• TUBE ASSEMBLY-REGULATOR DRAIN -----	1	AJ	
-96	AN832-80	• TUBE ASSEMBLY-GROUND SERVICING -----	1	AK	
-97	AN919-12D	• TEE -----	1	AJ	
-98	AN919-10D	• UNION -----	1	AJ	
-99	AN6289D8	• REDUCER -----	1	AJ	
-100	MS28777-8	• REDUCER -----	1	AJ	
-101	MS28778-8	• NUT -----	1	AJ	
-102	AN784D12	• RING-BACK UP -----	1	AJ	
-103	AN919-18D	• PACKING-O RING -----	1	AK	
-104	AN6289D12	• TEE -----	1	AK	
-105	MS28777-12	• REDUCER -----	1	AK	
-106	MS28778-12	• NUT -----	1	AK	
-107	2307003-430	• RING-BACK UP -----	2	AK	
		• PACKING-O RING -----	1	AJ	
	AN837-80	• TUBE ASSEMBLY-RETURN MANIFOLD -----	1	AJ	
	AN6289D8	• CONNECTING PARTS -----	1	AJ	
	MS28777-8	• • ELBOW -----	1	AJ	
	MS28778-8	• • NUT -----	1	AJ	
-108	2307003-432	• RING-BACK UP -----	1	AJ	
-109		• PACKING-O RING -----	1	AJ	
	AN938-80	• TUBE ASSEMBLY-RET MAN ASPIRATOR OUTLET -----	1	AJ	
	AN919-12D	• CONNECTING PARTS -----	1	AJ	
	AN832-80	• TEE -----	1	AJ	
	AN6289D8	• REDUCER -----	1	AJ	
		• UNION -----	1	AJ	
		• NUT -----	1	AJ	

CONTINUED

A---ATTACHING PARTS

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
96 -	MS28777-8	• RING-BACK UP -----	1	AJ	
-110	MS28778-8	• PACKING-O RING -----	3	AJ	
	AN6234-3	• FILTER ASSY-RETURN -----	1	AJ	
	MS28775-226	• ELEMENT KIT -----	1	AJ	
	MS28775-329	• • PACKING-O RING -----	1	AJ	
	MS28783-2	• • PACKING-O RING -----	1	AJ	
	MS28778-6	• • RING-BACK UP -----	2	AJ	
	AN6235-3A	• • PACKING-O RING -----	2	AJ	
-111		• • ELEMENT-FILTER -----	1	AJ	
	AN832-8D	• CONNECTING PARTS -----			
	AN6289D8	• • UNION -----	1	AJ	
	MS28777-8	• • NUT -----	1	AJ	
-112	MS28778-8	• RING-BACK UP -----	1	AJ	
	AN939D8	• PACKING-O RING -----	2	AJ	
	AN6289D8	• ELBOW -----	1	AN	
	MS28777-8	• NUT -----	1	AJ	
	MS28778-8	• RING-BACK UP -----	1	AJ	
-113	AN832-8D	• PACKING-O RING -----	1	AJ	
	MS28778-8	• UNION -----	1	AJ	
-114	AN938-8D	• PACKING-O RING -----	1	AJ	
-115	AN833-8D	• TEE -----	1	AP	
	AN6289D8	• ELBOW -----	1	AP	
	MS28778-8	• NUT -----	1	AP	
	MS28777-8	• PACKING-O RING -----	1	AP	
-116	2307003-481	• RING-BACK UP -----	1	AP	
-117	AN834-8D	• TUBE ASSEMBLY-RETURN -----	1	BU	
-118	AN804D8	• TEE -----	1	AP	
-119		• TEE -----	1	AK	
	AN6289D8	• CONNECTING PARTS -----			
	MS28777-8	• • NUT -----	1	AQ	
	MS28778-8	• RING-BACK UP -----	1	AQ	
-120	2307003-480	• PACKING-O RING -----	1	AQ	
	2307003-482	• TUBE ASSEMBLY-RETURN -----	1	BU	
-121	223-03-85	• TUBE ASSEMBLY-RETURN -----	1	BX	
	AN816-4-4D	• ASPIRATOR -----	1	AR	
	2317042-002	• NIPPLE -----	1	AR	
-122	2307003-431	• ASPIRATOR-HYD PNEU RESERVOIR -----	1	AS	
-123	2307003-439	• TUBE ASSEMBLY-MANIFOLD RET ASP INLET -----	1	AJ	
-124		• TUBE ASSEMBLY-OIL INLET ACCUMULATOR -----	1	AH	
	AN837-8D	• CONNECTING PARTS -----			
	AN6289D8	• • ELBOW -----	1	AH	
	MS28777-8	• • NUT -----	1	AH	
	MS28778-8	• RING-BACK UP -----	1	AH	
-125	2307003-422	• PACKING-O RING -----	1	AH	
-126	2307003-425	• TUBE ASSEMBLY-SYSTEM SUPPLY FROM RH ENGINE PUMP -----	1	AH	
-127	AN837-8	• TUBE ASSEMBLY-SYSTEM SUPPLY FROM LH ENGINE PUMP -----	1	AH	
	AN837-12D	• ELBOW -----	2	AC	
	AN833-12	• ELBOW -----	2	AD	
	AN960-1216	• ELBOW -----	2	AE	
	AN960-1716	A • WASHER -----	2	AC	
	AN924-8	A • WASHER -----	2	AF	
	AN924-12D	A • NUT -----	2	AC	
	AN924-12	A • NUT -----	2	AD	
-127A	AN837-6	A • NUT -----	2	AE	
	AN833-6	• ELBOW -----	2	AG	
	AN960-916	• ELBOW -----	2	AE	
	AN924-6	A • WASHER -----	2	AH	
-127B	SEE FIGURE 51	A • NUT -----	2	AH	
	SEE FIGURE 52	• HYDRAULIC COMPONENTS-ENGINE ASSEMBLY -----	REF	AG	
-128	AN3-22A	• HYDRAULIC COMPONENTS-ENGINE ASSEMBLY -----	REF	AE	
-129	AN960D10L	• BOLT -----	8	AJ	
-130	MS20364-1032	• WASHER -----	8	AJ	
-131	AN756D16	• NUT -----	8	AJ	
-132	MS20762D12-16	• FLANGE -----	4	AJ	
-133	MS28775-123	• ELBOW-SWIVEL -----	2	AJ	
-134	AV24B11198	• PACKING-O RING -----	4	AJ	
		• VALVE ASSEMBLY-HYD SHUT OFF B3 & B4 -----	2	AJ	
-135	2317024-001	• CONNECTOR-FLANGED SWIVEL FLARED TUBE -----	2	AJ	
-136	MS28778-8	• PACKING-O RING -----	2	AJ	
-137	2307003-452	• TUBE ASSEMBLY-SUCTION LINE RH -----	1	AJ	
-138	2307003-460	• TUBE ASSEMBLY-SUCTION LINE RH -----	1	AK	
-139	2307003-453	• TUBE ASSEMBLY-SUCTION LINE LH -----	1	AJ	
-140	AN824-12D	• TEE -----	1	AJ	
-141	2307003-454	• TUBE ASSEMBLY-SUCTION LINE LH -----	1	AJ	
-142	AN815-12D	• UNION -----	1	AJ	
-143	2307003-455	• TUBE ASSEMBLY-SUCTION LINE LH -----	1	AJ	
-144	2307003-457	• TUBE ASSEMBLY-GROUND SERVICING -----	1	AJ	
-145	TB015519-S4-8D	• COUPLING-HALF -----	1	AH	
CONTINUED					
A---ATTACHING PARTS					

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
96 -	AN520-10R8	A . SCREW -----	3	AH	
	MS20364-1032	A . NUT -----	3	AH	
	155-S7-80	. DUST CAP -----	1	AH	
-146	T015519-S4-120	. COUPLING-HALF -----	1	AH	
	AN520-10R8	A . SCREW -----	3	AH	
	MS20364-1032	A . NUT -----	3	AH	
	155-S7-120	. DUST CAP -----	1	AH	
-147	2307003-458	. TUBE ASSEMBLY-GROUND SERVICING -----	1	AJ	
-148	2307002-426	. TUBE ASSEMBLY-RESERVOIR PRESSURIZATION -----	1	AK	
-149	2307002-425	. TUBE ASSEMBLY-RESERVOIR PRESSURIZATION -----	1	BG	
-150	AN919-60	. REDUCER -----	1	AK	
-151	2317042-002	. ASPIRATOR-HYD PNEU RESERVOIR -----	1	AK	
-152	2307003-464	. TUBE ASSEMBLY-RETURN -----	1	BG	
-152A	2484025-014	. TUBE ASSY ELBOW TO TEE -----	1	BH	
-152B	AN78306	. TEE -----	1	BH	
	AN919-60	. REDUCER -----	1	BH	
	MS28778-6	. PACKING - O-RING -----	1	BH	
-152C	2484025-018	. TUBE ASSY TEE TO ASPIRATOR -----	1	BH	
-152D	2484025-026	. TUBE ASSY CHECK VALVE TO REDUCER -----	1	BH	
-153		. CONNECTING PARTS -----			
	AN833-60	. . ELBOW -----	1	AK	
	AN628906	. . NUT -----	1	AK	
	MS28777-6	. . RING-BACK UP -----	1	AK	
	MS28778-6	. . PACKING-O RING -----	1	AK	
-154	2307003-463	. TUBE ASSEMBLY-RETURN -----	1	BG	
-154A	2307023-446	. TUBE ASSY ASPIRATOR TO TEE -----	1	BH	
-155		. CONNECTING PARTS -----			
	AN78308	. . TEE -----	1	AK	
	AN628908	. . NUT -----	1	AK	
	MS28777-8	. . RING-BACK UP -----	1	AK	
	MS28778-8	. . PACKING-O RING -----	2	AK	
-156	S-450-1	. FILTER ASSEMBLY-RETURN -----	1	AK	
	AN6234-3	. FILTER ASSEMBLY ALT FOR S-450-1 -----	1	AK	
	2380016-001	. FILTER ASSEMBLY ALT FOR S-450-1 -----	1	AK	
		. . ELEMENT KIT -----	1	AK	
	AN6235-3A	. . . ELEMENT-FILTER -----	1	AK	
	MS28775-226	. . . PACKING-O RING -----	1	AK	
	MS28775-329	. . . PACKING-O RING -----	1	AK	
	MS28783-2	. . . RING-BACK UP -----	2	AK	
-157	MS28778-6	. . . PACKING-O RING -----	2	AK	
		. CONNECTING PARTS -----			
	AN815-80	. . UNION -----	1	AK	
	MS28778-8	. . PACKING-O RING -----	1	AK	
-158	2307003-484	. TUBE ASSEMBLY-RETURN -----	1	AK	
-159		. CONNECTING PARTS -----			
	AN833-80	. . ELBOW -----	1	AK	
	AN628908	. . NUT -----	1	AK	
	MS28777-8	. . RING-BACK UP -----	1	AK	
	MS28778-8	. . PACKING-O RING -----	1	AK	
-160	2307003-462	. TUBE ASSEMBLY-RETURN -----	1	AK	
-161	2307003-486	. TUBE ASSEMBLY-RETURN -----	1	AK	
-162		. CONNECTING PARTS -----			
	AN78308	. . TEE -----	1	AK	
	AN919-100	. . REDUCER -----	1	BG	
	MS28775-8	. . PACKING-O RING -----	1	BG	
-163	2307003-487	. TUBE ASSEMBLY-PRESSURE REGULATOR DRAIN -----	1	BG	
-163B	AN814-80	. PLUG -----	1	BH	
	MS28778-8	. PACKING -----	1	BH	
-163C	2484025-027	. TUBE ASSY RESTRICTOR TO UNION -----	1	BH	
-163D	AN815-40	. UNION -----	2	BH	
-163E	2484025-025	. TUBE ASSY UNION TO UNION -----	1	BH	
-163F	2484025-015	. TUBE ASSY UNION TO REDUCER -----	1	BH	
-164	2307003-485	. TUBE ASSEMBLY-RETURN -----	1	BX	
-165	2307003-459	. TUBE ASSEMBLY-SUCTION LINE LH -----	1	AK	
-166	AV24811198	. VALVE ASSEMBLY-HYD SHUT OFF -----	2	AK	
-167	AN756016	. FLANGE -----	4	AK	
-168	2317024-002	. CONNECTOR-FLANGED SWIVEL FLARED TUBE -----	4	AK	
-169	MS28775-123	. PACKING-O RING -----	4	AK	
-170	MS28778-12	. PACKING-O RING -----	2	AK	
-171	AN3-22A	. BOLT -----	8	AK	
-172	AN960010L	. WASHER -----	8	AK	
-173	MS20365-1032	. NUT -----	8	AK	
-174	AN6207-6	. VALVE-CHECK -----	2	AH	
	MS28778-6	. PACKING-O RING -----	1	AH	
-175	AN938-80	. TEE -----	1	AH	
	AN893-120	. REDUCER -----	2	AH	
	MS28778-8	. PACKING-O RING -----	2	AH	
-176	2481115-001	. UNION -----	2	AH	
	AN628908	. NUT -----	2	AH	
	MS28778-8	. PACKING-O RING -----	4	AH	
	MS28777-8	. RING-BACK UP -----	2	AH	
CONTINUED					
A---ATTACHING PARTS					

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
96 -177	AN919-10D	• REDUCER -----	1	AH	
	MS28778-8	• PACKING-O RING -----	1	AH	
-178	AN937-8D	• CROSS -----	1	AH	
-179	AN833-8D	• ELBOW -----	1	AH	
	AN6289D8	• NUT -----	1	AH	
	MS28777-8	• RING-BACK UP -----	1	AH	
	MS28778-8	• PACKING-O RING -----	1	AH	
-180	MS28720-8	• FILTER ASSEMBLY-PRESSURE -----	1	AH	
	AN6235-3A	• ELEMENT ASSEMBLY -----	1	AH	
	AN4-30A	A • BOLT -----	2	AH	
	NAS43DD4-64	A • SPACER -----	2	AH	
	AN960D416L	A • WASHER -----	2	AH	
	MS20364-428	A • NUT -----	2	AH	
-181		• CONNECTING PARTS			
	2481115-001	• UNION -----	1	AH	
	AN6289D8	• NUT -----	1	AH	
	MS28778-8	• PACKING-O RING -----	2	AH	
	MS28777-8	• RING-BACK UP -----	1	AH	
-182	AN832-8D	• UNION -----	AR	AH	
	AN6289D8	• NUT -----	AR	AH	
	MS28778-8	• PACKING-O RING -----	AR	AH	
	MS28777-8	• RING-BACK UP -----	AR	AH	
-183	AN939D8	• ELBOW -----	1	AH	
-184		• CONNECTING PARTS			
	AN832-8D	• UNION -----	1	AH	
	AN6289D8	• NUT -----	1	AH	
	MS28778-8	• PACKING-O RING -----	2	AH	
	MS28777-8	• RING-BACK UP -----	1	AH	
-185	2380034-001	• VALVE ASSEMBLY-BALANCE OUTLET RELIEF -----	1	AH	
-186	AN939D8	• ELBOW -----	1	AH	
	AN815-8D	• UNION -----	1	AH	
-187	MS28778-8	• PACKING-O RING -----	1	AH	
	AN783D8	• TEE -----	1	AH	
	AN6289D8	• NUT -----	1	AH	
	MS28778-8	• PACKING-O RING -----	1	AH	
	MS28777-8	• RING-BACK UP -----	1	AH	
-188	AN815-8D	• UNION -----	1	AH	
	MS28778-8	• PACKING-O RING -----	1	AH	
-189	AN938-8D	• TEE -----	1	AP	
-190	AN832-8D	• UNION -----	1	AJ	
	MS28778-8	• PACKING-O RING -----	1	AJ	
-191	2307003-451	• TUBE ASSEMBLY-RETURN -----	1	AN	
-192		• CONNECTING PARTS			
	AN832-8D	• UNION -----	1	AN	
	MS28778-8	• PACKING-O RING -----	1	AN	
-193	AN937-8D	• CROSS -----	1	AN	
-194	AN832-8D	• UNION -----	1	AJ	
	AN6289D8	• NUT -----	1	AJ	
	MS28778-8	• PACKING-O RING -----	2	AJ	
	MS28777-8	• RING-BACK UP -----	1	AJ	
-195	AN938-8D	• TEE -----	1	AN	
-196	AN832-8D	• UNION -----	1	AJ	
	MS28778-8	• PACKING-O RING -----	1	AJ	
-197	AN6207-8	• VALVE-CHECK -----	1	AN	
	MS28778-8	• PACKING-O RING -----	1	AN	
-198	2307003-401	• TUBE ASSEMBLY-MANIFOLD RETURN -----	1	BS	
-199	5177A-8TT20	• VALVE-RELIEF -----	1	AJ	
	MS28778-8	• PACKING-O RING -----	1	AJ	
-200	AN939D8	• ELBOW -----	1	AP	
-201	AN938-8D	• TEE -----	1	AH	
-202		• CONNECTING PARTS			
	AN832-8D	• UNION -----	1	AH	
	AN6289D8	• NUT -----	1	AH	
	MS28778-8	• PACKING-O RING -----	1	AH	
	MS28777-8	• RING-BACK UP -----	1	AH	
-203	2317032-006	• RESTRICTOR ASSEMBLY-BRAKE RETURN -----	1	N	
	2381212-005	• RESTRICTOR ASSEMBLY-BRAKE RETURN -----	1	P	
	2381225-002	• RESTRICTOR ASSEMBLY-BRAKE RETURN -----	1	S	
-204	AN919-12D	• REDUCER -----	1	AH	
	MS28778-8	• PACKING-O RING -----	1	AH	
-205	111-517733	• VALVE-CHECK -----	1	AQ	
	MS28778-8	• PACKING-O RING -----	2	AQ	
-206	AN937-8D	• CROSS -----	1	AH	
-207	AN938-8D	• TEE -----	1	AH	
-208	AN833-4D	• ELBOW -----	1	Z	
-209	AN804D4	• TEE -----	1	AA	
-210		• CONNECTING PARTS			
	AN893-3D	• REDUCER -----	1	AH	
	MS28778-8	• PACKING-O RING -----	1	AH	
	AN6289D4	• NUT -----	1	AH	
	MS28778-4	• PACKING-O RING -----	1	AH	
		CONTINUED			
		A---ATTACHING PARTS			

LIMITED EFFECTIVITY Serial Code AH



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
96 -	MS28777-4	. . RING-BACK UP -----	1	AH	
-211	AN939D8	. ELBOW -----	1	AH	
-212		. CONNECTING PARTS -----			
	AN832-8D	. . UNION -----	1	AH	
	AN6289D8	. . NUT -----	1	AH	
	MS28778-8	. . PACKING-O RING -----	1	AH	
	MS28777-8	. . RING-BACK UP -----	1	A	
-213	2307003-450	. TUBE ASSEMBLY-SPOILER RETURN -----	1	B	
	2307023-422	. TUBE ASSEMBLY-SPOILER RETURN -----	1	AN	
-214	AN833-4D	. ELBOW -----	1	AN	
	AN6289D4	. NUT -----	1	AN	
	MS28778-4	. PACKING-O RING -----	1	AN	
	MS28777-4	. RING-BACK UP -----	1	C	
-215	AN834-4D	. TEE -----	1	C	
	AN6289D4	. NUT -----	1	C	
	MS28777-4	. RING-BACK UP -----	1	C	
	MS28778-4	. PACKING-O RING -----	1	B	
-216	AN938-4D	. TEE -----			
		. CONNECTING PARTS -----	1	B	
-217	AN832-4D	. . UNION -----	1	B	
	AN6289D4	. . NUT -----	1	B	
	MS28778-4	. . PACKING-O RING -----	2	B	
	MS28777-4	. . RING-BACK UP -----	1	B	
-218	AN6289D4	. . NUT -----	1	B	
	MS28777-4	. . RING-BACK UP -----	1	B	
	MS28778-4	. . PACKING-O RING -----	1	B	
-219	AN815-4D	. . UNION -----	1	B	
	MS28778-4	. . PACKING-O RING -----	1	B	
-220	AN938-4D	. TEE -----	1	B	
-221	2307023-426	. TUBE ASSEMBLY-SPOILER RELIEF RETURN -----	1	B	
-222	2307003-477	. TUBE ASSEMBLY-FLAP RETURN -----	1	D	
	2307003-492	. TUBE ASSEMBLY-FLAP RETURN -----	1	E	
	2307023-425	. TUBE ASSEMBLY-FLAP RETURN -----	1	B	
-223	2307003-420	. TUBE ASSY-AUXILIARY PUMP PRESSURE -----	1	AH	
-224	2307003-491	. TUBE ASSEMBLY-FLAP RETURN -----	1	AT	
-225	2307003-476	. TUBE ASSEMBLY-FLAP RETURN -----	1	AQ	
-226	AN821-4D	. ELBOW -----	1	AQ	
-227	AN815-4D	. UNION -----	1	AT	
-228	AN821-4D	. ELBOW -----	1	AU	
	AN824-4D	. TEE -----	1	AV	
-229	SEE FIGURE 94	. HOSE ASSEMBLY-FLAP RETURN -----	REF	AH	
-230	2307003-441	. TUBE ASSEMBLY-SPOILER UP -----	1	A	
	2307023-421	. TUBE ASSEMBLY-SPOILER UP -----	1	B	
-231	2307003-414	. TUBE ASSEMBLY-SPOILER DOWN -----	1	A	
	2307023-423	. TUBE ASSEMBLY-SPOILER DOWN -----	1	B	
-232	AN815-4D	. UNION -----	3	AH	
	MS28778-4	. PACKING-O RING -----	3	AH	
-233	AN833-4D	. ELBOW -----	1	A	
	AN924-4D	. NUT -----	1	A	
	AN960D716	. WASHER -----	1	A	
-234	AN784D4	. TEE -----	1	B	
		. CONNECTING PARTS -----			
-235	AN815-4D	. . UNION -----	1	B	
	MS28778-4	. . PACKING-O RING -----	1	B	
-236	AN832-4D	. . UNION -----	1	B	
	AN6289D4	. . NUT -----	1	B	
	MS28778-4	. . PACKING-O RING -----	2	B	
	MS28777-4	. . RING-BACK UP -----	1	B	
-237	AN6245A4(1550)	. VALVE-RELIEF CRACK PRESS (1550 PSI) -----	1	B	
-238	2307003-416	. TUBE ASSEMBLY-SPOILER PRESSURE -----	1	AH	
-239	AN833-4C	. ELBOW -----	1	BQ	
	AN6289D4	. NUT -----	1	AH	
	MS28778-4	. PACKING-O RING -----	1	AH	
	MS28777-4	. RING-BACK UP -----	1	AH	
-240	SEE FIGURE 88	. TUBE ASSEMBLY-EMERGENCY AIR -----	REF	AH	
-241	AN815-8D	. UNION -----	2	AH	
	MS28778-8	. PACKING-O RING -----	2	AH	
-242	2307003-406	. TUBE ASSEMBLY-GEAR EXTEND -----	1	BQ	
-243	AN832-8D	. UNION -----	2	AH	
	AN924-8D	. NUT -----	2	AH	
-244	2307003-407	. TUBE ASSEMBLY-GEAR EXTEND -----	1	AH	
-245	SEE FIGURE 90	. TUBE ASSEMBLY-GEAR RETRACT -----	REF	AH	
-246	SEE FIGURE 90	. TUBE ASSEMBLY-GEAR EXTEND -----	REF	AH	
-247	2307003-408	. TUBE ASSEMBLY-BRAKE RETURN -----	1	BQ	
-248	AN821-4D	. ELBOW -----	3	AH	
-249	AN821-6D	. ELBOW -----	1	AH	
-250	AN837-4D	. ELBOW -----	2	AH	
-251	AN833-4D	. ELBOW -----	1	AH	
	AN924-4D	. NUT -----	1	AH	
	AN960D716	. WASHER -----	1	AH	
-252	AN783D6	. TEE -----	1	AH	

CONTINUED

A---ATTACHING PARTS

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
96 -	AN919D6	• REDUCER -----	1	AH	
	AN929-6	• CAP -----	1	AQ	
	AN919-6D	• REDUCER -----	1	AQ	
	MS28778-6	• PACKING-O RING -----	1	AH	
-253	2307003-409	• TUBE ASSEMBLY-BRAKE RETURN -----	1	AH	
-254	2307003-445	• TUBE ASSEMBLY-BRAKE RETURN -----	1	AH	
-255	2307003-410	• TUBE ASSEMBLY-GEAR RETRACT -----	1	BQ	
	2307003-449	• TUBE ASSEMBLY-GEAR RETRACT -----	1	BX	
-256	2307003-411	• TUBE ASSEMBLY-GEAR RETRACT -----	1	AH	
-257	AN832-6D	• UNION -----	1	AH	
	AN924-6D	• NUT -----	1	AH	
-258	AN832-4D	• UNION -----	1	AH	
	AN924-4D	• NUT -----	1	AH	
-259	AN833-4D	• ELBOW -----	1	AH	
	AN924-4D	• NUT -----	1	AH	
-260	AN960D716	• WASHER -----	1	AH	
-261	AN833-4D	• ELBOW -----	1	AH	
	AN6289D4	• CONNECTING PARTS -----	1	AH	
	MS28778-4	• NUT -----	1	AH	
	MS28777-4	• PACKING-O RING -----	1	AH	
-262	AN938-4D	• RING-BACK UP -----	1	AH	
-263	AN815-4D	• TEE -----	1	AH	
	MS28778-4	• UNION -----	2	AH	
-264	2307003-415	• PACKING-O RING -----	2	AH	
-265	2307003-442	• TUBE ASSEMBLY-SPOILER DOWN -----	1	AH	
-266	2307003-413	• TUBE ASSEMBLY-SPOILER DOWN -----	1	AH	
-267	2307003-443	• TUBE ASSEMBLY-SPOILER UP -----	1	AH	
-268	2307003-412	• TUBE ASSEMBLY-SPOILER UP -----	1	AH	
-269	2307003-421	• TUBE ASSEMBLY-SPOILER & FLAP PRESSURE -----	1	AH	
-270	2307003-444	• TUBE ASSEMBLY-FLAP PRESSURE -----	1	AH	
-271	SEE FIGURE 90	• TUBE ASSEMBLY-FLAP PRESSURE -----	1	AH	
-272	SEE FIGURE 94	• TUBE ASSEMBLY-BRAKE RETURN -----	REF	AH	
-273	SEE FIGURE 94	• HOSE ASSEMBLY-FLAP PRESSURE -----	REF	AH	
-274	SEE FIGURE 94	• TUBE ASSEMBLY-FLAP RETURN -----	REF	AH	
-275	SEE FIGURE 94	• HOSE ASSEMBLY-HYD SPOILER UP -----	REF	AH	
-276	2307003-471	• HOSE ASSEMBLY-HYD SPOILER DOWN -----	REF	AH	
	2307003-471	• TUBE ASSEMBLY-FLAP PRESSURE -----	1	AK	
-277	AN825-4D	• TUBE ASSEMBLY-FLAP PRESSURE -----	1	AK	
-278	SEE FIGURE 90	• TEE-FLAP PRESSURE -----	1	AK	
-279	AN815-12D	• LINE-CAPILLARY HYDRAULIC PRESSURE -----	REF	AK	
-280	2307003-470	• UNION -----	1	AK	
-281	2314035-009	• TUBE ASSEMBLY-SUCTION LINE LH -----	1	AK	
-282	2314035-035	• PLACARD-HYDRAULIC RESERVOIR -----	1	AH	
-284	AN837-4C	• PLACARD-HYDRAULIC SIGHT GLASS -----	1	AK	
	AN6289D4	• ELBOW -----	1	BR	
	MS28778-4	• NUT -----	1	BR	
	MS28777-4	• PACKING-O RING -----	1	BR	
-285	2407003-437	• RING-BACK UP -----	1	BR	
-286	AN833-8D	• TUBE ASSY - MANIFOLD PRESSURE -----	1	BR	
	AN6289D8	• ELBOW -----	2	BR	
	MS28778-8	• NUT -----	2	BR	
	MS28777-8	• PACKING-O RING -----	2	BR	
-287	2407003-440	• RING-BACK UP -----	2	BR	
	AN919-12D	• TUBE ASSY - BRAKE RETURN -----	1	BR	
	MS28778-8	• REDUCER -----	1	BR	
-288	2407003-439	• PACKING-O RING -----	1	BR	
-289	2407003-438	• TUBE ASSY - GEAR RETRACTION -----	1	BR	
-290	2407003-442	• TUBE ASSY - GEAR EXTENSION -----	1	BR	
-291	2407003-443	• TUBE ASSY - MANIFOLD RETURN -----	1	BT	
-292	2407003-444	• TUBE ASSY - RETURN -----	1	BV	
-293	2407003-445	• TUBE ASSY - RETURN -----	1	BV	
-294	2407003-446	• TUBE ASSY - RETURN -----	1	BY	
-350	2397152-001	• TUBE ASSY - RETURN -----	1	BY	
-351	2397152-002	• KIT-GEAR SELECTOR SOLENOID VALVE REPL -----	1	BZ	
-352	2397152-003	• KIT-GEAR SELECTOR SOLENOID VALVE REPL -----	1	CA	
		• KIT-GEAR SELECTOR SOLENOID VALVE REPL -----	1	CB	
		+ USE ONLY WITH 2380036-001 & -005			
	A	003 THRU 039 WHEN MOD PER ECR 392 OR			
	B	ECR 401 EXCEPT A/C MOD PER ECR 233			
	C	018 THRU 039 EXCEPT A/C MOD PER ECR 233,			
	D	ECR 277, ECR 381, ECR 392 OR ECR 401			
	E	010 THRU 039 WHEN MOD PER ECR 392 OR			
	F	ECR 401 EXCEPT A/C MOD PER ECR 233			
		010 THRU 021 WHEN MOD PER ECR 392 EXCEPT			
		022 THRU 039 WHEN MOD PER ECR 392 OR			
		ECR 401 EXCEPT A/C MOD PER ECR 233			
		003 THRU 014 EXCEPT A/C MOD PER SK23-116			
		CONTINUED			
		A---ATTACHING PARTS			

LIMITED EFFECTIVITY Serial Code AH

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
96 -		1 2 3 4 5 6 7			
	G	OR ECR 233 015 THRU 039 & A/C MOD PER SK23-116 EXCEPT A/C MOD PER ECR 233, ECR 277 OR ECR 381			
	H	003 THRU 014 EXCEPT A/C PREVIOUSLY MOD PER SPECIAL SPARES KIT 2397200-001 OR ECR 233			
	J	015 THRU 039 EXCEPT A/C PREVIOUSLY MOD PER SPECIAL SPARES KIT 2397200-001, ECR 233, ECR 277 OR ECR 381			
	K	003 THRU 039 EXCEPT A/C PREVIOUSLY MOD PER SPECIAL SPARES KIT 2397200-001, ECR 233, ECR 227 OR ECR 381			
	L	036 THRU 039 & A/C MOD PER SK23-138 EXCEPT A/C MOD PER ECR 233, ECR 277 OR ECR 381			
	M	003 THRU 035 EXCEPT A/C MOD PER SK23-138 ECR 233, ECR 277 OR ECR 381			
	N	003 THRU 039 EXCEPT A/C MOD PER SK23-175, SK23-187, ECR 233, ECR 277 OR ECR 401			
	P	003 THRU 039 WHEN MOD PER SK23-175 EXCEPT A/C MOD PER ECR 233, ECR 277 OR ECR 381			
	Q	015 THRU 039 EXCEPT A/C MOD PER SK23-161 OR ECR 233, ECR 277 OR ECR 381			
	R	015 THRU 039 WHEN MOD PER SK23-161 EXCEPT A/C MOD PER ECR 233, ECR 277 OR ECR 381			
	S	003 THRU 039 WHEN MOD PER SK23-187 EXCEPT WHEN MOD PER SK23-175 OR ECR 233 ECR 277 OR ECR 381			
	T	003 THRU 014 EXCEPT A/C MOD PER SK23-185A OR ECR 233			
	U	015 THRU 039 EXCEPT A/C MOD PER SK23-185A OR ECR 233, ECR 277 OR ECR 381			
	V	003 THRU 039 WHEN MOD PER SK23-185A EXCEPT A/C MOD PER ECR 233, ECR 277 OR ECR 381			
	W	003 THRU 039 EXCEPT A/C MOD PER SK23-185A OR ECR 233, ECR 277 OR ECR 381			
	X	003 THRU 014 EXCEPT A/C EQUIPPED WITH 80C678 PRESSURE SWITCH OR A/C MOD PER ECR 233 & EXCEPT A/C MOD PER AMK72-10B			
	Y	015 THRU 039 EXCEPT A/C EQUIPPED WITH 80C678 PRESSURE SWITCH OR A/C MOD PER ECR 233, ECR 277 OR ECR 381 & EXCEPT A/C MOD PER AMK72-10B			
	Z	003 THRU 014 EXCEPT A/C MOD PER SK23-215 OR ECR 233			
	AA	015 THRU 039 & A/C MOD PER SK23-215 EXCEPT A/C MOD PER ECR 233, ECR 277 OR ECR 381			
	AB	003 THRU 014 WHEN MOD PER SK23-215 EXCEPT A/C MOD PER ECR 233			
	AC	003 THRU 012 EXCEPT A/C MOD PER ECR 233			
	AD	013 THRU 029 EXCEPT A/C MOD PER ECR 233 ECR 277 OR ECR 381			
	AE	030 THRU 039 EXCEPT A/C MOD PER ECR 233 ECR 277 OR ECR 381			
	AF	013 THRU 039 EXCEPT A/C MOD PER ECR 233			
	AG	003 THRU 029 EXCEPT A/C MOD PER ECR 233 ECR 277 OR ECR 381			
	AH	003 THRU 039 EXCEPT A/C MOD PER ECR 233 ECR 277 OR ECR 381			
	AJ	003 THRU 014 EXCEPT A/C MOD PER ECR 233			
	AK	015 THRU 039 EXCEPT A/C MOD PER ECR 233 ECR 277 OR ECR 381			
	AL	003 THRU 017 EXCEPT A/C MOD PER ECR 233 ECR 277			
	AM	018 THRU 039 EXCEPT A/C MOD PER ECR 233 ECR 381			
	AN	003 THRU 009 EXCEPT A/C MOD PER ECR 233			
	AP	010 THRU 014 EXCEPT A/C MOD PER ECR 233			
	AQ	010 THRU 039 EXCEPT A/C MOD PER ECR 233 ECR 277 OR ECR 381			
	AR	003 THRU 005 EXCEPT A/C MOD PER ECR 233			
	AS	006 THRU 014 EXCEPT A/C MOD PER ECR 233			
		CONTINUED			
		A---ATTACHING PARTS			



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION						UNITS PER ASSY	USABLE ON	
		1	2	3	4	5	6		THRU	
96 -	AT	022 THRU 039 EXCEPT A/C MOD PER ECR 233, ECR 392 OR ECR 401								
	AU	010 THRU 039 EXCEPT A/C MOD PER ECR 233, ECR 277, ECR 381 OR SK23/24-296								
	AV	010 THRU 039 WHEN MOD PER SK23/24-296 EXCEPT A/C MOD PER ECR 233, ECR 277 OR ECR 381								
	AW	SPARE FOR 2380030-001 OR 2380030-012								
	AX	COMPONENT OF 2397203-001 & -002 KITS								
	AY	003 THRU 039 EXCEPT A/C MOD PER ECR 233 ECR 277 OR ECR 381 & EXCEPT A/C MOD PER AMK72-108								
	AZ	003 THRU 014 WHEN MOD PER AMK72-108 EXCEPT A/C 011 & 012								
	BA	011 & 012 WHEN MOD PER AMK72-108								
	BB	016 THRU 039 WHEN MOD PER AMK72-108 EXCEPT A/C 019, 031 & 032								
	BC	COMPONENT OF 2397151-001, -004 & -005 KITS								
	BD	COMPONENT OF 2397151-004 KIT								
	BE	COMPONENT OF 2397151-001 & -004 KITS								
	BF	COMPONENT OF 2397151-005 KIT								
	BG	015 THRU 039 EXCEPT A/C MOD PER ECR 233 ECR 227 OR ECR 381 & EXCEPT 23-035								
	BH	035								
	BJ	ALTERNATE FOR 2380095-014								
	BL	SEAL KIT FOR 2380007-003 AUX HYD PUMP								
	BM	SPARE FOR 2380025-013								
	BN	SEAL KIT FOR 2380095-003 & 2380095-014								
	BP	SEAL KIT FOR 2380095-022								
	BQ	003 THRU 039 EXCEPT A/C MOD PER ECR 233 ECR 277 OR ECR 381 & EXCEPT A/C THAT HAVE INSTALLED 2397152-001, -002 OR -003 KITS PER SSK 921 KIT INSTL INSTRUCTIONS								
	BR	003 THRU 039 WHEN A/C HAVE INSTALLED 2397152-001, -002 OR -003 KITS PER SSK 921 KIT INSTL INSTRUCTIONS EXCEPT A/C MOD PER ECR 233, ECR 277 OR ECR 381								
	BS	003 THRU 009 EXCEPT A/C MOD PER ECR 233 ECR 277 OR ECR 381 & EXCEPT A/C THAT HAVE INSTALLED 2397152-001 KIT PER SSK 921 KIT INSTL INSTRUCTIONS								
	BT	003 THRU 009 WHEN A/C HAVE INSTALLED 2397152-001 KIT PER SSK 921 KIT INSTL INSTRUCTIONS EXCEPT A/C MOD PER ECR 233 ECR 277 OR ECR 381								
	BU	010 THRU 014 EXCEPT A/C MOD PER ECR 233 ECR 277 OR ECR 381 & EXCEPT A/C THAT HAVE INSTALLED 2397152-002 KIT PER SSK 921 KIT INSTL INSTRUCTIONS								
	BV	010 THRU 014 WHEN A/C HAVE INSTALLED 2397152-002 KIT PER SSK 921 KIT INSTL INSTRUCTIONS EXCEPT A/C MOD PER ECR 233 ECR 277 OR ECR 381								
	BW	003 THRU 014 EXCEPT A/C MOD PER ECR 233 ECR 277 OR ECR 381 & EXCEPT A/C THAT HAVE INSTALLED 2397152-001 OR -002 KITS PER SSK 921 KIT INSTL INSTRUCTIONS								
	BX	015 THRU 039 EXCEPT A/C MOD PER ECR 233 ECR 277 OR ECR 381 & EXCEPT A/C THAT HAVE INSTALLED 2397152-003 KIT PER SS921 KIT INSTL INSTRUCTIONS								
	BY	015 THRU 039 WHEN A/C HAVE INSTALLED 2397152-003 KIT PER SSK 921 KIT INSTL INSTRUCTIONS EXCEPT A/C MOD PER ECR 233 ECR 277 OR ECR 381								
	BZ	SPARE FOR 2380022-001 FOR A/C SERIALIZED 003 THRU 009								
	CA	SPARE FOR 2380022-001 FOR A/C SERIALIZED 010 THRU 014								
	CB	SPARE FOR 2380022-001 FOR A/C SERIALIZED 015 THRU 039								
	A---ATTACHING PARTS									

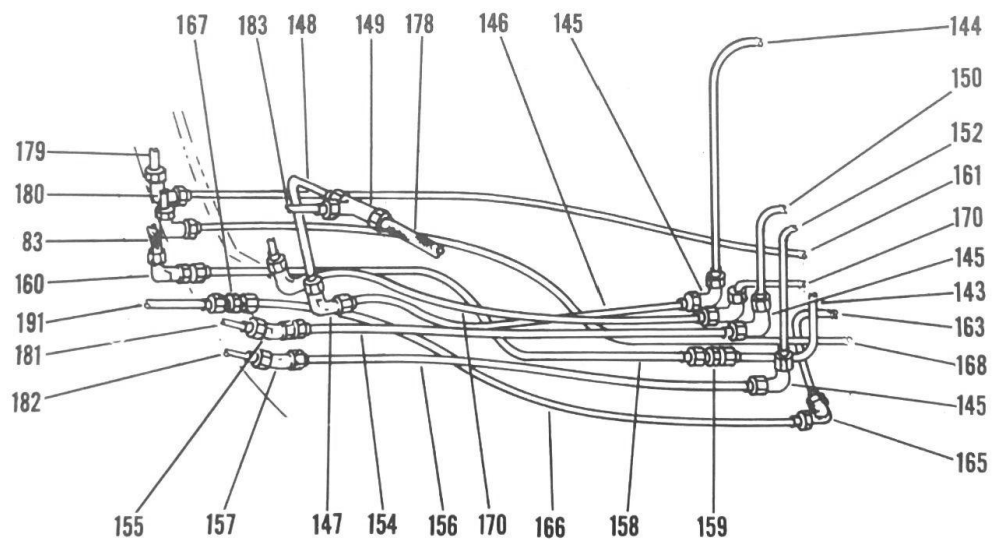
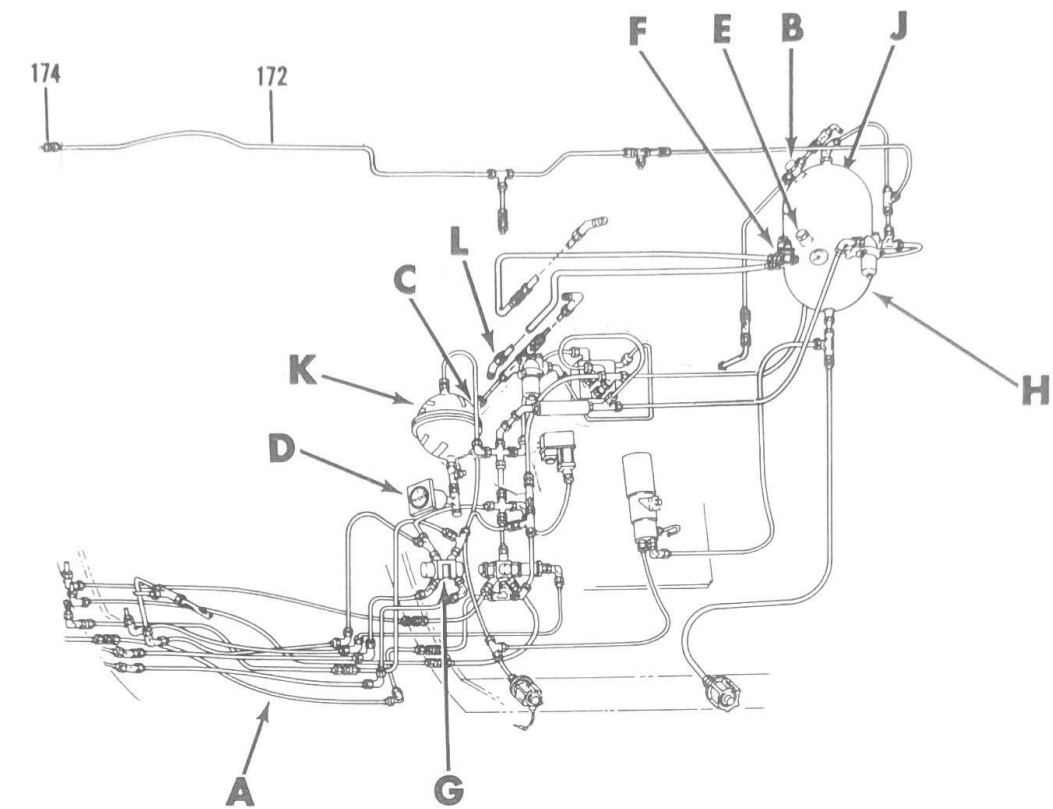
**Detail A**

Figure 97. Tailcone Hydraulic Installation (Sheet 1 of 4)

11-5B-3  
A11-5B-3

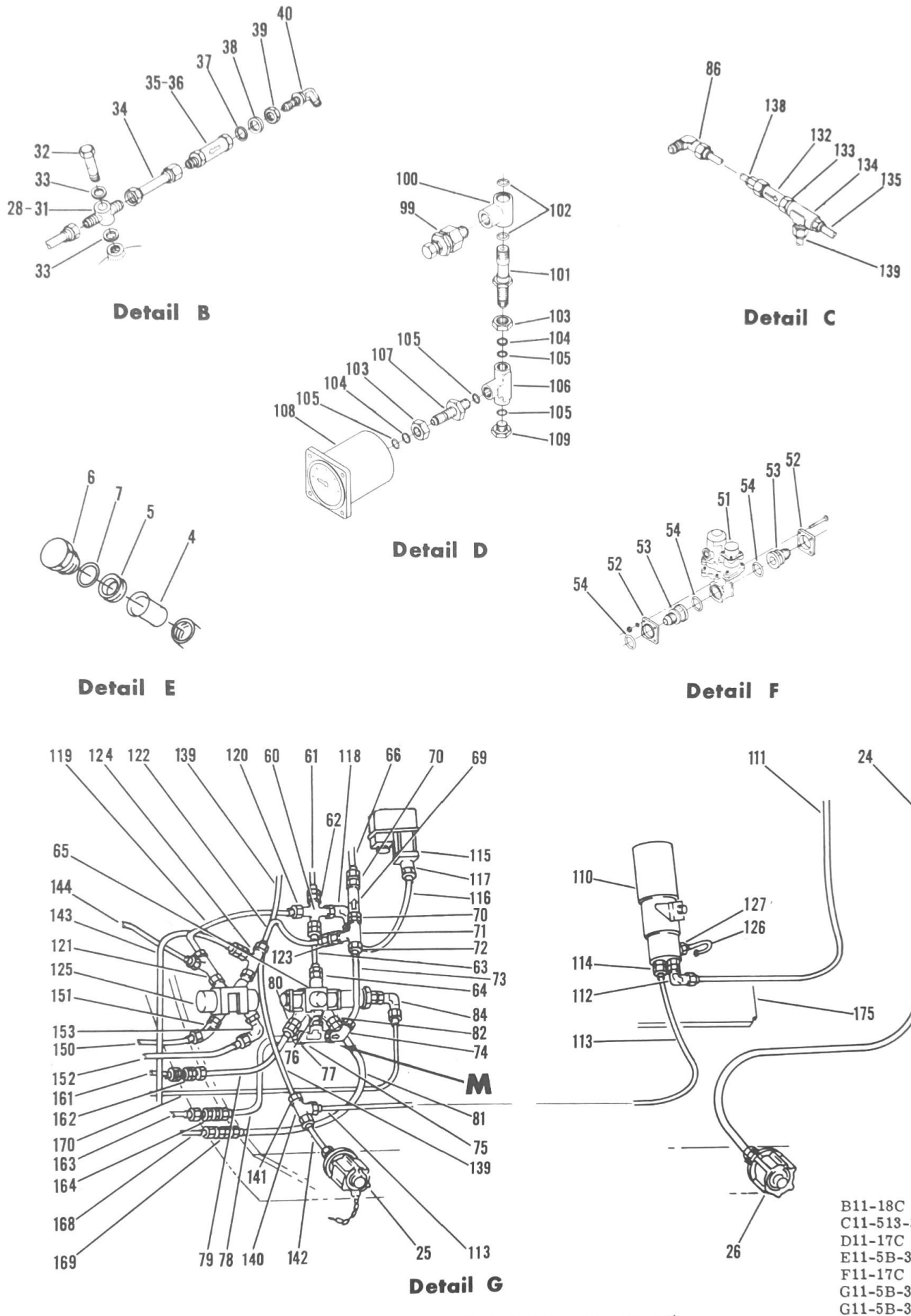


Figure 97. Tailcone Hydraulic Installation (Sheet 2 of 4)

LIMITED EFFECTIVITY Serial Code W

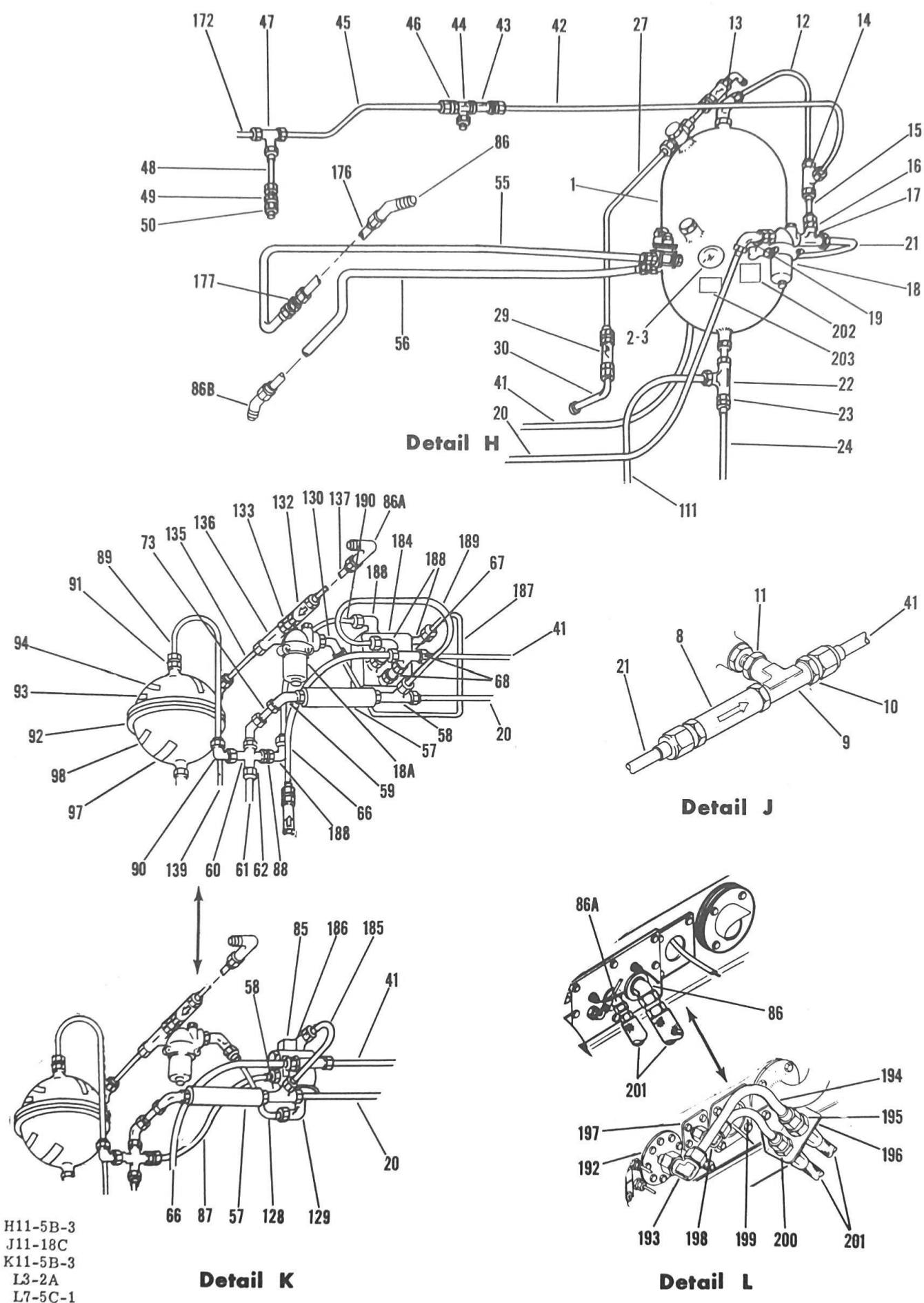
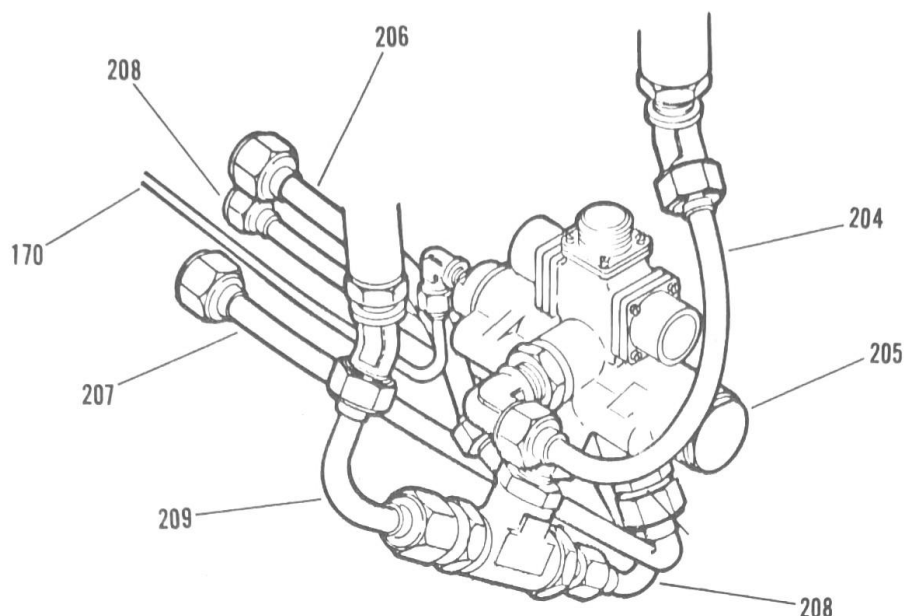


Figure 97. Tailcone Hydraulic Installation (Sheet 3 of 4)



Detail M

M11-5C-13

Figure 97. Tailcone Hydraulic Installation (Sheet 4 of 4)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
97 -		TAILCONE HYDRAULIC INSTALLATION			
	2317072-001	• RESERVOIR ASSEMBLY-HYDRAULIC -----	1		W
	2317072-004	• RESERVOIR ASSEMBLY-HYDRAULIC -----	1		J
-1	2317075-001	• • WELD ASSEMBLY-HYDRAULIC RESERVOIR -----	1		K
	2317075-009	• • WELD ASSEMBLY-HYDRAULIC RESERVOIR -----	1		J
-2	2317073-002	• • WINDOW-SIGHT GLASS -----	1		K
	MS28775-220	• • PACKING-O RING -----	1		W
-3	2317050-005	• • NUT -----	1		W
-4	2317053-004	• • TUBE ASSEMBLY-HYDRAULIC RESERVOIR -----	1		W
	2317053-007	• • TUBE ASSEMBLY-HYDRAULIC RESERVOIR -----	1		X
-5	2317050-003	• • NUT -----	1		Y
-6	MS28778-20	• • PACKING-O RING -----	1		W
-7	AN814-20D	• • PLUG -----	1		W
-8	5177A-8TT20	• • VALVE-RELIEF -----	1		W
	5177A-8TT10	• • VALVE-RELIEF -----	1		J
	MS28778-8	• • PACKING-O RING -----	1		K
-9	AN938-8D	• • TEE -----	1		W
		• • CONNECTING PARTS -----			
-10	AN815-8D	• • UNION -----	1		W
	MS28778-8	• • • PACKING-O RING -----	1		W
-11	AN832-8D	• • UNION -----	1		W
	MS28778-8	• • • PACKING-O RING -----	1		W
	MS28777-8	• • • RING-BACK UP -----	1		W
	AN6289D8	• • NUT -----	1		W
-12	2307003-464	• TUBE ASSEMBLY-HYDRAULIC RETURN -----	1		Z
	2307023-445	• TUBE ASSEMBLY-HYDRAULIC RETURN -----	1		AA
-13		• • CONNECTING PARTS -----			
	AN833-6D	• • ELBOW -----	1		W
	MS28777-6	• • RING-BACK UP -----	1		W
	MS28778-6	• • PACKING-O RING -----	1		W
	AN6289D6	• • NUT -----	1		W
-14	2317042-001	• ASPIRATOR -----	1		W
-15	2307003-463	• TUBE ASSEMBLY-HYDRAULIC RETURN -----	1		Z
	2307023-446	• TUBE ASSEMBLY-HYDRAULIC RETURN -----	1		AA
-16		• • CONNECTING PARTS -----			
	AN919-12D	• • REDUCER -----	1		W
	MS28778-8	• • PACKING-O RING -----	1		W
-17	AN783D8	• TEE -----	1		W
	MS28777-8	• RING-BACK UP -----	1		W
	MS28778-8	• PACKING-O RING -----	1		W
-18	S-450-1	• FILTER ASSEMBLY-RETURN -----	1		W
	AN6234-3	• FILTER ALT FOR S-450-1 -----	1		W
-18A	MS28720-8	• FILTER ASSEMBLY-PRESSURE -----	1		W
	AN4-22A	A • BOLT -----	2		W
	AN960D416L	A • WASHER -----	2		W
	AN960D416	A • WASHER -----	4		W
		CONTINUED			
		A---ATTACHING PARTS			

LIMITED EFFECTIVITY Serial Code W

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
97 -	MS20364-428	A . NUT -----	2	W	
	MS28775-226	. . . ELEMENT ASSY-FILTER -----	1	W	
	MS28775-329	. . . PACKING-O RING -----	1	W	
	MS28783-2	. . . PACKING-O RING -----	1	W	
	MS28778-6	. . . RING-BACK UP -----	2	W	
	AN6235-3A	. . . PACKING-O RING -----	1	W	
-19	AN837-8D	. . . ELEMENT ASSY -----	1	W	
	MS28777-8	. ELBOW -----	1	W	
	MS28778-8	. RING-BACK UP -----	1	W	
	AN628908	. PACKING-O RING -----	1	W	
-20	2307023-406	. NUT -----	1	W	
-21	2307003-462	. TUBE ASSEMBLY HYDRAULIC GEAR EXTEND -----	1	W	
-22	AN783012	. TUBE ASSEMBLY-HYDRAULIC RETURN -----	1	W	
	MS28777-12	. TEE -----	1	W	
	MS28778-12	. RING-BACK UP -----	2	W	
	AN6289012	. PACKING-O RING -----	1	W	
-23	AN919-18D	. NUT -----	1	W	
-24	2307023-415	. REDUCER -----	1	W	
-25	TB015519-S4-8D	. TUBE ASSEMBLY-HYDRAULIC RETURN -----	1	W	
	AN520-10R8	. COUPLING HALF -----	1	W	
	MS20364-1032	A . SCREW -----	3	W	
	155-S7-8D	A . NUT -----	3	W	
-26	T015519-S4-12D	. DUST CAP -----	1	W	
	AN520-10R8	. COUPLING-HALF -----	1	W	
	MS20364-1032	A . SCREW -----	3	W	
	155-S7-12D	A . NUT -----	1	W	
-27	2307003-466	. DUST CAP -----	1	M	
-28	2307023-465	. TUBE ASSEMBLY-VENT -----	1	N	
	AN833-8D	. TUBE ASSEMBLY-VENT -----	1	N	
	MS28777-6	. CONNECTING PARTS -----	1	M	
	MS28778-6	. . ELBOW -----	1	M	
	AN628906	. . RING-BACK UP -----	1	M	
-29	5177A-8TT10	. . PACKING-O RING -----	1	M	
-30	2307003-467	. . NUT -----	1	W	
	2307023-466	. VALVE-RELIEF -----	1	M	
-31	AN779-8D	. TUBE ASSEMBLY-VENT -----	1	N	
-32	AN775-8D	. TUBE ASSEMBLY-VENT -----	1	N	
-33	AN901-8A	. VALVE INSTALLATION-RELIEF -----	1	N	
-34	2307003-499	. FITTING -----	1	N	
	2380103-001	. . BOLT -----	1	N	
-35	877A-8BT-3MAX	. . GASKET -----	2	N	
-36	S-902	. TUBE ASSEMBLY-VACUUM RELIEF -----	1	N	
	2314035-063	. VALVE ASSEMBLY-HYD RESERVOIR RELIEF -----	1	N	
-37	MS28778-8	. . VALVE-CHECK -----	1	N	
-38	MS28777-8	. . PLATE-IDENTIFICATION -----	1	N	
-39	AN628908	. . PLACARD-RESERVOIR PORT -----	1	N	
-40	AN833-8D	. PACKING-O RING -----	1	N	
-41	2307023-405	. RING-BACK UP -----	1	N	
	2307023-457	. NUT -----	1	N	
-42	2307002-432	. ELBOW -----	1	N	
	2307002-435	. TUBE ASSEMBLY-HYDRAULIC RETURN -----	1	AB	
	2307002-433	. TUBE ASSEMBLY-HYDRAULIC RETURN -----	1	AC	
-43	876A-6TT-6	. TUBE ASSEMBLY-RESERVOIR PRESSURIZATION -----	1	AD	
	488-6D3-1/4 PSI	. TUBE ASSEMBLY-RESERVOIR PRESSURIZATION -----	1	AE	
-44	2380064-001	. TUBE ASSEMBLY-RESERVOIR PRESSURIZATION -----	1	AC	
	2380064-002	. VALVE-CHECK -----	1	AB	
	MS28778-8	. VALVE-CHECK -----	1	AC	
	51356	. FILTER ASSY-RESERVOIR PRESSURIZATION -----	1	040	049
	S-451-1	. . PLATE-NAME -----	1	040	049
-45	AN6235-1A	. . PACKING-O RING -----	1	040	049
	2381356-006	. . ELEMENT-FILTER -----	1	040	049
	2381356-009	. FILTER ASSEMBLY-HYDRAULIC -----	1	AF	
	2307002-434	. . ELEMENT-FILTER -----	1	AF	
-46	AN815-4D	. TUBE ASSEMBLY-RESERVOIR PRESSURIZATION -----	1	040	052
	MS28778-4	. TUBE ASSEMBLY-RESERVOIR PRESSURIZATION -----	1	053	
-47	AN824-4D	. TUBE ASSEMBLY-RESERVOIR PRESSURIZATION -----	1	T	
-48	2307002-423	. CONNECTING PARTS -----	1	W	
-49	AN815-4D	. . UNION -----	1	W	
-50	AN929-4	. PACKING-O RING -----	1	W	
-51	AV24811198	. TEE -----	1	W	
	MS28775-123	. TUBE ASSEMBLY-DRAIN -----	1	W	
-52	AN756D16	. UNION -----	1	W	
	AN3-22A	. CAP -----	1	W	
	AN960D10L	. VALVE ASSY-HYD SHUT OFF -----	2	W	
-53	MS20365-1032	. B3 & B4 -----	2	W	
	2317024-002	. . PACKING-O RING -----	4	W	
		. FLANGE -----	4	W	
		A . BOLT -----	8	W	
		A . WASHER -----	8	W	
		A . NUT -----	8	W	
		. CONNECTOR -----	2	W	

CONTINUED

A---ATTACHING PARTS



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
97 -53A	2317024-002	• CONNECTOR -----	2	AH	
	2317024-003	• CONNECTOR -----	2	T	
-54	MS28778-12	• PACKING-O RING -----	4	W	
-55	2307003-459	• TUBE ASSEMBLY-HYD SUCTION LINE LH -----	1	P	
	2307023-452	• TUBE ASSEMBLY-HYD SUCTION LINE LH -----	1	B	
	2307023-464	• TUBE ASSEMBLY-HYD SUCTION LINE LH -----	1	S	
	2307023-467	• TUBE ASSEMBLY-HYD SUCTION LINE LH -----	1	T	
-56	2307003-460	• TUBE ASSEMBLY-HYD SUCTION LINE RH -----	1	AH	
	2307023-468	• TUBE ASSEMBLY-HYD SUCTION LINE RH -----	1	T	
-57	2380034-001	• VALVE-RELIEF -----	1	W	
		• CONNECTING PARTS			
-58	AN80408	• TEE -----	1	040	079
	AN78308	• TEE -----	1	V	
	AN6289D8	• NUT -----	AR	W	
	MS28777-8	• RING-BACK UP -----	AR	W	
	MS28778-8	• PACKING-O RING -----	AR	W	
-59	AN833-8D	• ELBOW -----	1	W	
	AN6289D8	• NUT -----	1	W	
	MS28777-8	• RING-BACK UP -----	1	W	
	MS28778-8	• PACKING-O RING -----	1	W	
-60	AN937-8D	• CROSS -----	2	W	
-61	2307023-401	• TUBE ASSEMBLY-SYSTEM PRESSURE -----	1	W	
-62		• CONNECTING PARTS			
	AN815-8D	• UNION -----	2	W	
	MS28778-8	• PACKING-O RING -----	2	W	
-63	2307003-499	• TUBE ASSEMBLY-PRESSURE PANEL -----	1	BK	
-64		• CONNECTING PARTS			
	AN815-8D	• UNION -----	1	BK	
	MS28778-8	• PACKING-O RING -----	1	BK	
-65	2380022-020	• VALVE-GEAR SELECTOR WHEN EXHAUSTED USE 2397152-004 REF INDEX 300 -----	1	BK	
	2380022-022	• VALVE-GEAR SELECTOR ALT FOR 2380022-020 WHEN EXHAUSTED USE 2397152-004 REF INDEX 300 -----	1	BK	
	AN4-3A	A • BOLT -----	4	W	
	AN960D416L	A • WASHER -----	4	W	
	MS20364-428	A • NUT -----	4	W	
-66	2307003-493	• TUBE ASSEMBLY-SYSTEM RETURN -----	1	040	079
	2307023-454	• TUBE ASSEMBLY-SYSTEM RETURN -----	1	V	
-67	AN938-8D	• TEE -----	1	W	
-68		• CONNECTING PARTS			
	AN815-8D	• UNION -----	2	W	
	MS28778-8	• PACKING-O RING -----	2	W	
-69	111-517733	• VALVE-CHECK -----	1	W	
-70		• CONNECTING PARTS			
	AN815-8D	• UNION -----	2	W	
	MS28778-8	• PACKING-O RING -----	2	W	
-71	AN938-8D	• TEE -----	1	W	
-72		• CONNECTING PARTS			
	AN815-8D	• UNION -----	1	W	
	MS28778-8	• PACKING-O RING -----	1	W	
-73	2307003-499	• TUBE ASSEMBLY-PRESSURE PANEL -----	1	BK	
-74	2317081-001	• RESTRICTOR ASSEMBLY -----	1	G	
	2317081-007	• RESTRICTOR ASSEMBLY -----	1	H	
	2317081-009	• RESTRICTOR ASSEMBLY -----	1	L	
-75	AN938-8D	• TEE -----	1	W	
		• CONNECTING PARTS			
-76	AN832-8D	• UNION -----	1	W	
	MS6289D8	• NUT -----	2	W	
	MS28777-8	• RING-BACK UP -----	2	W	
	MS28778-8	• PACKING-O RING -----	4	W	
-77	AN919-12D	• REDUCER -----	1	W	
-78	2307023-404	• TUBE ASSEMBLY-HYDRAULIC RETURN -----	1	BK	
-79	2307023-402	• TUBE ASSEMBLY-HYDRAULIC GEAR UP -----	1	BK	
-80		• CONNECTING PARTS			
	AN815-8D	• UNION -----	1	BK	
	MS28778-8	• PACKING-O RING -----	1	BK	
-81	2307023-403	• TUBE ASSEMBLY-HYDRAULIC GEAR DOWN -----	1	BK	
-82		• CONNECTING PARTS			
	AN815-8D	• UNION -----	1	W	
	MS28778-8	• PACKING-O RING -----	1	W	
-83	SEE FIGURE 94	• HOSE ASSEMBLY-FLAP RETURN -----	REF	040	089
	SEE FIGURE 95	• HOSE ASSEMBLY-FLAP RETURN -----	REF	AJ	
-84	AN833-4C	• ELBOW -----	1	W	
	AN6289D4	• NUT -----	1	W	
	MS28777-4	• RING-BACK UP -----	1	W	
	MS28778-4	• PACKING-O RING -----	1	W	
-85	2380030-013	• REGULATOR ASSY-PRESSURE WHEN EXHAUSTED USE 2380030-014 -----	1	040	079
	2380030-014	• REGULATOR ASSY-PRESSURE WHEN EXHAUSTED USE 2380030-015 -----	1	AZ	
		CONTINUED			
		A---ATTACHING PARTS			



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
97 -	2380030-015	• REGULATOR ASSY-PRESSURE -----	1	AZ	
	AN3-22A	A • BOLT -----	4	040	079
	NAS43004-40	A • SPACER -----	4	040	079
	S-902	• • PLATE-IDENTIFICATION -----	1	040	079
	S-903	• • PLATE-IDENTIFICATION ASSY DATE -----	1	040	079
-86	AN833-12	• ELBOW -----	1	AH	
	AN960-1716	• WASHER -----	1	AH	
	AN924-12	• NUT -----	1	AH	
-86A	AN833-6	• ELBOW -----	2	AH	
	AN821-6D	• ELBOW -----	2	T	
	AN960D916	• WASHER -----	2	AH	
	AN924-6	• NUT -----	2	AH	
-86B	AN833-12	• ELBOW -----	1	AH	
	AN821-8D	• ELBOW -----	1	T	
-87	2307003-499	• TUBE ASSEMBLY-HYDRAULIC PRESSURE PANEL -----	1	040	079
-88		• CONNECTING PARTS -----			
	AN815-8D	• • UNION -----	2	040	079
	MS28778-8	• • PACKING-O RING -----	2	040	079
-89	2307003-496	• TUBE ASSEMBLY-HYDRAULIC ACCUMULATOR -----	1	W	
		• CONNECTING PARTS -----			
-90	AN833-8D	• ELBOW -----	1	W	
	AN6289D8	• NUT -----	1	W	
	MS28777-8	• RING-BACK UP -----	1	W	
	MS28778-8	• PACKING-O RING -----	1	W	
-91	AN815-8D	• • UNION -----	1	W	
	MS28778-8	• • PACKING-O RING -----	1	W	
-92	2380025-013	• ACCUMULATOR ASSEMBLY-SPHERICAL -----			
		WHEN EXHAUSTED USE 2380167-002 -----	1	W	
	2380167-002	• ACCUMULATOR ASSEMBLY-SPHERICAL -----	1	BD	
	2317078-002	A • BLOCK-SUPPORT -----	1	W	
	MS21920-53	A • CLAMP -----	1	W	
	NAS221-12	A • SCREW -----	2	W	
	184569	• • DIAPHRAGM -----	1	W	
-93	S-902	• • PLATE-IDENTIFICATION -----	1	W	
-94	S-903	• • PLATE-IDENTIFICATION ASSY DATE -----	1	W	
-97	2380025-003	• • PLACARD-HYDRAULIC ACCUMULATOR -----	2	W	
-98	2314035-050	• DECAL-HYD ACCUM CHARGE TO 850 PSI -----	1	W	
-99	MS28889-1	• VALVE-AIR -----	1	W	
-100	AN6285D1	• BODY -----	1	W	
-101	AN6285-2	• BODY -----	1	W	
-102	MS24690	• PACKING-O RING -----	2	W	
-103	AN6289D4	• NUT -----	1	W	
-104	MS28777-4	• RING-BACK UP -----	2	W	
-105	MS28778-4	• PACKING-O RING -----	4	W	
-106	AN938-4D	• TEE -----	1	W	
-107	AN832-4D	• UNION -----	1	W	
-108	S-218-1	• GAGE-PRESSURE -----	1	W	
-109	AN814-4D	• PLUG -----	1	W	
-110	2380007-003	* • PUMP ASSY-AUX HYDRAULIC HP1 -----	1	D	
	2380087-001	* • PUMP ASSY-AUX HYDRAULIC HP1 -----	1	C	
	MS20364-428	A • NUT -----	4	W	
	2397201-001	• KIT-AUX HYD PUMP ASSY SPECIAL SPARES -----	1	AM	
	2380095-023	• • PUMP ASSY-AUX HYDRAULIC HP1 -----			
		WHEN EXHAUSTED USE 2380095-014 -----	1	AN	
	2380095-014	• • PUMP ASSY-AUX HYDRAULIC HP1 -----			
		WHEN EXHAUSTED USE 2380095-018 -----	1	BE	
	2380095-018	• • PUMP ASSY-AUX HYDRAULIC HP1 -----			
		WHEN EXHAUSTED USE 2380095-003 -----	1	AY	
	2380095-003	• • PUMP ASSY-AUX HYDRAULIC HP1 -----			
		FOR SPARES USE 2380095-020 -----	1	BJ	
	2380095-020	• • PUMP ASSY-AUX HYDRAULIC HP1 -----	1	AP	
	AN4-6A	A • BOLT -----	4	AN	
	2397001-006	• • KIT-AUX HYD PUMP SEAL -----	1	BF	
	2397001-007	• • KIT-AUX HYD PUMP SEAL -----	1	BG	
	2397001-005	• • KIT-AUX HYD PUMP SEAL -----	1	BH	
-111	2307023-410	• TUBE ASSEMBLY-HYD AUX PUMP SUPPLY -----	1	D	
	2307023-449	• TUBE ASSEMBLY-HYD AUX PUMP SUPPLY -----	1	C	
	2307024-303	• TUBE ASSEMBLY-HYD AUX PUMP SUPPLY -----	1	U	
-112		• CONNECTING-PARTS -----			
	AN833-6D	• ELBOW -----	1	W	
	AN6289D6	• NUT -----	1	W	
	MS28777-6	• RING-BACK UP -----	1	W	
	MS28778-6	• PACKING-O RING -----	1	W	
-113	2307023-412	• TUBE ASSEMBLY-HYD AUX PUMP SUPPLY -----	1	D	
	2307023-451	• TUBE ASSEMBLY-HYD AUX PUMP SUPPLY -----	1	C	
	2307023-463	• TUBE ASSEMBLY-HYD AUX PUMP SUPPLY -----	1	U	
-114	2677A-4TT	• VALVE-CHECK -----	1	W	
	MS28778-4	• PACKING-O RING -----	1	W	
-115	2380036-001	• SWITCH ASSY-HYD PRESSURE WHEN -----			
		EXHAUSTED USE 2397202-001 -----	1	BN	
	2380036-005	• SWITCH ASSEMBLY-HYDRAULIC PRESSURE -----			
		CONTINUED -----			
		A---ATTACHING PARTS -----			

MODEL 23

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
97 -		ALT FOR 2380036-001 WHEN EXHAUSTED USE 2397202-001 -----	1	BN	
	AN3-24A	A . BOLT -----	2	BN	
	NAS43DD3-40	A . SPACER -----	2	BN	
	AN960D10L	A . WASHER -----	1	BN	
	S-902	. . PLATE-IDENTIFICATION -----	1	BN	
	S-903	. . PLATE-IDENTIFICATION ASSY DATE -----	1	BN	
	2380036-003	. . PLATE-NAME -----	1	BN	
	2380036-011	. . PLATE-NAME ALT FOR 2380036-003 -----	1	Q	
	80C678	. SWITCH-PRESSURE PSW13 -----	2	Q	
	NAS220-7	A . SCREW -----	1	R	
	2397202-001	. KIT-HYDRAULIC PRESSURE SWITCH -----	1	BA	
	80C678	. . SWITCH-PRESSURE PSW13 -----	1	BN	
-116	2307023-427	. TUBE ASSEMBLY-HYDRAULIC PRESSURE -----	1	BP	
	2307023-455	. TUBE ASSEMBLY-HYDRAULIC PRESSURE -----			
		. CONNECTING PARTS -----	1	BN	
-117	AN919-6D	. . REDUCER -----	1	BP	
	AN815-4D	. . UNION -----	1	BN	
	MS28778-6	. . PACKING-O RING -----	1	BP	
	MS28778-4	. . PACKING-O RING -----	1	W	
-118	AN893-3D	. . REDUCER -----	1	BB	
	AN833-4D	. . ELBOW -----	1	BC	
	730617	. . SWITCH - PRESSURE -----	1	BB	
	MS6289D4	. . NUT -----	1	W	
	MS28777-4	. . RING-BACK UP -----	1	W	
	MS28778-4	. . PACKING-O RING -----	1	W	
-119	2307003-497	. TUBE ASSEMBLY-HYDRAULIC SPEED BRAKE -----	1	W	
		. CONNECTING PARTS -----	1	W	
-120	AN919-10D	. . REDUCER -----	1	W	
	MS28778-8	. . PACKING-O RING -----	1	W	
-121	AN804D4	. . TEE -----	1	W	
	AN6289D4	. . NUT -----	1	W	
	MS28777-4	. . RING-BACK UP -----	1	W	
	MS28778-4	. . PACKING-O RING -----	1	W	
-122	2307003-498	. TUBE ASSEMBLY-HYDRAULIC SPEED BRAKE -----	1	W	
		. CONNECTING PARTS -----	1	W	
-123	AN919-10D	. . REDUCER -----	1	W	
	MS28778-8	. . PACKING-O RING -----	1	W	
-124	AN804D4	. . TEE -----	1	W	
	AN6289D4	. . NUT -----	1	W	
	MS28777-4	. . RING-BACK UP -----	1	W	
	MS28778-4	. . PACKING-O RING -----	1	W	
-125	7U7254-60	. VALVE-SPOILER CONTROL WHEN EXHAUSTED USE 45000070 -----	1	W	
	45000070	. VALVE-SPOILER CONTROL ALT FOR 7U7254-60 -----	1	W	
	AN3-4A	A . BOLT -----	4	W	
	AN960D10L	A . WASHER -----	4	W	
	AN960D10	A . WASHER -----	4	W	
-126	2307023-411	. TUBE ASSEMBLY-AUX PUMP DRAIN -----	1	D	
	2307023-450	. TUBE ASSEMBLY-AUX PUMP DRAIN -----	1	C	
	2307023-462	. TUBE ASSEMBLY-AUX PUMP DRAIN -----	1	U	
-127		. CONNECTING PARTS -----			
	AN822-4D	. . ELBOW -----	1	040	
-128	2307023-409	. TUBE ASSEMBLY-REGULATOR SUPPLY -----	1	040	079
-129		. CONNECTING PARTS -----			
	AN833-8D	. . ELBOW -----	1	040	079
	AN6289D8	. . NUT -----	1	040	079
	MS28777-8	. . RING-BACK UP -----	1	040	079
	MS28778-8	. . PACKING-O RING -----	1	040	079
-130	AN837-8D	. ELBOW -----	1	W	
	AN6289D8	. NUT -----	1	W	
	MS28777-8	. RING-BACK UP -----	1	W	
	MS28778-8	. PACKING-O RING -----	1	W	
-132	AN6207-6	. VALVE-CHECK -----	2	W	
	MS28778-6	. PACKING-O RING -----	2	W	
-133	AN893-12D	. REDUCER -----	2	W	
	MS28778-8	. PACKING-O RING -----	2	W	
-134	AN784D8	. TEE -----	1	W	
-135	2307003-499	. TUBE ASSEMBLY-HYDRAULIC SYSTEM SUPPLY -----	1	W	
-136	MS28778-8	. PACKING-O RING -----	1	W	
	AN815-8D	. UNION -----	1	W	
	MS28778-8	. PACKING-O RING -----	1	W	
-137	2307023-413	. TUBE ASSEMBLY-ENG PUMP PRESSURE LH -----	1	AH	
	2307023-472	. TUBE ASSEMBLY-ENG PUMP PRESSURE LH -----	1	T	
-138	2307023-414	. TUBE ASSEMBLY-ENG PUMP PRESSURE RH -----	1	AH	
	2307023-473	. TUBE ASSEMBLY-ENG PUMP PRESSURE RH -----	1	T	
-139	2307023-408	. TUBE ASSEMBLY-REGULATOR SUPPLY -----	1	W	
-140	AN783D8	. TEE -----	1	W	
-141	AN919-10D	. REDUCER -----	1	W	
	MS28778-8	. PACKING-O RING -----	1	W	
		CONTINUED			
		A---ATTACHING PARTS			

LIMITED EFFECTIVITY Serial Code W

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
97 -142	2307023-407	• TUBE ASSEMBLY-PRESSURE DISCONNECT -----	1	AH	
	2307023-477	• TUBE ASSEMBLY-PRESSURE DISCONNECT -----	1	T	
-143	2307023-419	• TUBE ASSEMBLY-FLAP RETURN -----	1	AH	
	2307023-474	• TUBE ASSEMBLY-FLAP RETURN -----	1	T	
-144	2307023-420	• TUBE ASSEMBLY-FLAP PRESSURE -----	1	AH	
	2307023-475	• TUBE ASSEMBLY-FLAP PRESSURE -----	1	T	
-145	AN821-4D	• ELBOW -----	3	W	
-146	2307003-444	• TUBE ASSEMBLY-FLAP PRESSURE -----	1	W	
-147		• CONNECTING PARTS			
	AN833-4D	• • ELBOW -----	1	W	
	AN924-4D	• • NUT -----	1	W	
	AN960D716	• • WASHER -----	1	W	
-148	2307003-471	• TUBE ASSEMBLY-FLAP PRESSURE -----	1	W	
-149	AN825-4D	• TEE-FLAP PRESSURE -----	1	W	
-150	2307023-417	• TUBE ASSEMBLY-SPOILER UP -----	1	W	
-151		• CONNECTING PARTS			
	AN837-4D	• • ELBOW -----	1	W	
	AN6289D4	• • NUT -----	1	W	
	MS28777-4	• • RING-BACK UP -----	1	W	
	MS28778-4	• • PACKING-O RING -----	1	W	
-152	2307023-418	• TUBE ASSEMBLY-SPOILER DOWN -----	1	W	
-153		• CONNECTING PARTS			
	AN833-4D	• • ELBOW -----	1	W	
	AN6289D4	• • NUT -----	1	W	
	MS28777-4	• • RING-BACK UP -----	1	W	
	MS28778-4	• • PACKING-O RING -----	1	W	
-154	2307003-443	• TUBE ASSEMBLY-SPOILER UP -----	1	W	
-155		• CONNECTING PARTS			
	AN837-4D	• • ELBOW -----	1	W	
	AN924-4D	• • NUT -----	1	W	
	AN960D716	• • WASHER -----	1	W	
-156	2307003-442	• TUBE ASSEMBLY-SPOILER DOWN -----	1	W	
-157		• CONNECTING PARTS			
	AN837-4D	• • ELBOW -----	1	W	
	AN924-4D	• • NUT -----	1	W	
	AN960D716	• • WASHER -----	1	W	
-158	2307003-476	• TUBE ASSEMBLY-FLAP RETURN -----	1	W	
-159		• CONNECTING PARTS			
-160	AN815-4D	• • UNION -----	1	W	
	AN821-4D	• • ELBOW -----	1	AW	
	AN824-4D	• • TEE -----	1	AX	
-161	2307003-411	• TUBE ASSEMBLY-HYDRAULIC GEAR UP -----	1	W	
-162		• CONNECTING PARTS			
	AN832-8D	• • UNION -----	1	W	
	AN924-8D	• • NUT -----	1	W	
-163	2307023-434	• TUBE ASSEMBLY-HYDRAULIC BRAKE RETURN -----	1	W	
-164		• CONNECTING PARTS			
	AN832-6D	• • UNION -----	1	W	
	AN924-6D	• • NUT -----	1	W	
-165	AN821-6D	• • ELBOW -----	1	W	
-166	2307003-445	• TUBE ASSEMBLY-HYDRAULIC BRAKE RETURN -----	1	W	
-167		• CONNECTING PARTS			
	AN832-6D	• • UNION -----	1	W	
	AN924-6D	• • NUT -----	1	W	
-168	2307003-407	• TUBE ASSEMBLY-HYDRAULIC GEAR DOWN -----	1	W	
-169		• CONNECTING PARTS			
	AN832-8D	• • UNION -----	1	W	
	AN924-8D	• • NUT -----	1	W	
-170	SEE FIGURE 88	• TUBE ASSEMBLY-EMERGENCY AIR -----	REF	W	
-172	2381356-005	• TUBE ASSEMBLY-RESERVOIR PRESSURIZATION -----	1	040	052
	2381356-011	• TUBE ASSEMBLY-RESERVOIR PRESSURIZATION -----	1	053	
	2307002-436	• TUBE ASSEMBLY-RESERVOIR PRESSURIZATION -----	1	T	
-174		• CONNECTING PARTS			
	AN832-4D	• • UNION -----	1	W	
	AN924-4D	• • NUT -----	1	W	
	S-140-4	• • WASHER-SEAL -----	1	W	
-175	2317077-002	• PANEL ASSEMBLY-HYDRAULIC -----	1	E	
	2317077-012	• PANEL ASSEMBLY-HYDRAULIC -----	1	C	
	2317077-015	• PANEL ASSEMBLY-HYDRAULIC -----	1	F	
	2317077-014	• PANEL ASSEMBLY-HYDRAULIC -----	1	U	
	NAS221-8	A • SCREW -----	6	W	
	AN960D10L	A • WASHER -----	6	W	
-176	2307003-470	• TUBE ASSEMBLY-HYD SUCTION LINE LH -----	1	AH	
-177	AN815-12D	• UNION -----	1	A	
	AN821-12D	• ELBOW -----	1	B	
	AN821-8D	• ELBOW -----	1	T	
-178	SEE FIGURE 94	• HOSE ASSEMBLY-FLAP PRESSURE -----	REF	040	089
	SEE FIGURE 95	• HOSE ASSEMBLY-FLAP PRESSURE -----	REF	AJ	
-179	SEE FIGURE 90	• TUBE ASSEMBLY-GEAR RETRACT -----	REF	W	
-180	SEE FIGURE 90	• TUBE ASSEMBLY-GEAR EXTEND -----	REF	W	
-181	SEE FIGURE 94	• HOSE ASSEMBLY-HYDRAULIC SPOILER UP -----	REF	040	089

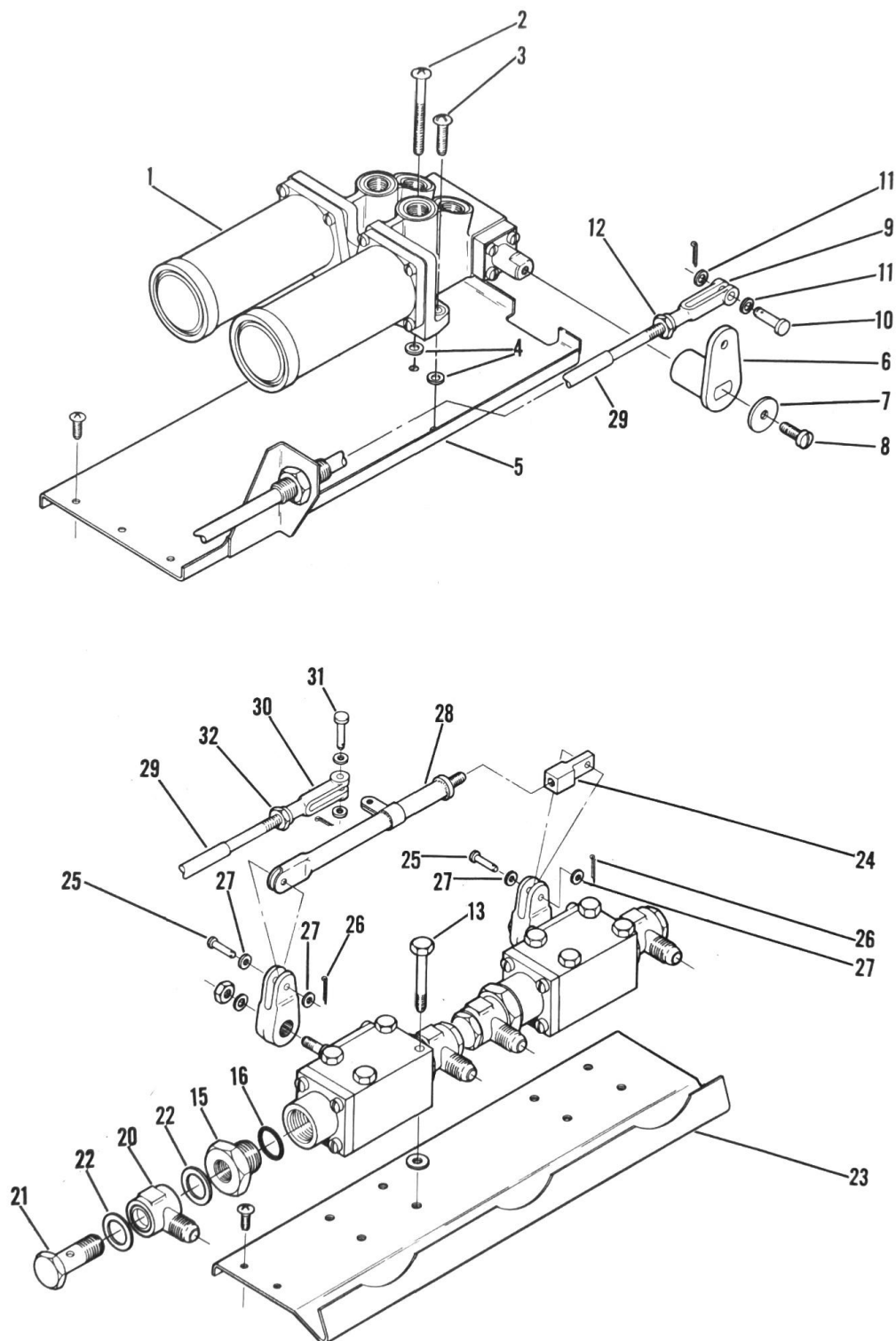
CONTINUED  
A---ATTACHING PARTS

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
97 -	SEE FIGURE 95	• HOSE ASSEMBLY-HYDRAULIC SPOILER UP -----	REF	AJ	
-182	SEE FIGURE 94	• HOSE ASSEMBLY-HYDRAULIC SPOILER DOWN -----	REF	040	089
-183	SEE FIGURE 95	• HOSE ASSEMBLY-HYDRAULIC SPOILER DOWN -----	REF	AJ	
-184	2380030-014	• LINE-CAPILLARY HYDRAULIC PRESSURE -----	REF	W	
	2380030-015	• REGULATOR ASSY-PRESSURE WHEN EXHAUSTED USE 2380030-015 -----	1	V	
	NAS221-10	• REGULATOR ASSY-PRESSURE ALT FOR 2380030-014 -----	1	V	
-185	2307023-428	A • SCREW -----	3	V	
-186	AN833-8D	• TUBE ASSEMBLY-PRESS REGULATOR RETURN -----	1	040	079
	AN6289D8	• CONNECTING PARTS -----			
	MS28777-8	• • ELBOW -----	1	040	079
	MS28778-8	• • NUT -----	1	040	079
-187	2307023-456	• • RING-BACK UP -----	1	040	079
-188	AN833-8D	• • PACKING-O RING -----	1	040	079
	AN6289D8	• TUBE ASSEMBLY-PUMP PRESSURE -----	1	V	
	MS28777-8	• ELBOW -----	4	V	
	MS28778-8	• NUT -----	4	V	
-189	2307023-453	• RING-BACK UP -----	4	V	
-190	2307023-458	• PACKING-O RING -----	4	V	
-191	SEE FIGURE 90	• TUBE ASSEMBLY-PRESS REGULATOR RETURN -----	1	V	
-192	2317089-001	• TUBE ASSEMBLY-SYSTEM PRESSURE -----	1	V	
	2317089-002	• TUBE ASSEMBLY-BRAKE RETURN -----	REF	W	
	AN3C6A	• TUBE ASSEMBLY-HYDRAULIC SUPPLY LH -----	1	T	
-193	AN821-8	• TUBE ASSEMBLY-HYDRAULIC SUPPLY RH -----	1	T	
-194	2352015-011	A • BOLT -----	8	T	
	2352015-013	• ELBOW -----	2	T	
-195	AN832-8	• TUBE ASSEMBLY-HYDRAULIC SUPPLY LH -----	1	T	
	AN924-8	• TUBE ASSEMBLY-HYDRAULIC SUPPLY RH -----	1	T	
-196	2352029-001	• UNION -----	2	T	
	2558011-003	• NUT -----	2	T	
	2352029-002	• BRACKET LH -----	1	AU	
	2558011-004	• BRACKET LH -----	1	AV	
-197	2317088-001	• BRACKET RH -----	1	AU	
	2317088-002	• BRACKET RH -----	1	AV	
-198	AN3C6A	• TUBE ASSEMBLY-HYDRAULIC PRESSURE LH -----	1	T	
-199	AN821-6	• TUBE ASSEMBLY-HYDRAULIC PRESSURE RH -----	1	T	
	2352015-015	A • BOLT -----	4	T	
	2352015-039	• ELBOW -----	2	T	
	2352015-019	• TUBE ASSEMBLY-HYDRAULIC PRESSURE LH -----	1	AS	
-200	AN832-6	• TUBE ASSEMBLY-HYDRAULIC PRESSURE LH -----	1	AT	
	AN832-6	• TUBE ASSEMBLY-HYDRAULIC PRESSURE RH -----	1	T	
	AN837-6	• UNION RH & LH -----	2	AS	
	AN924-6	• UNION RH -----	1	AT	
-201	SEE FIGURE 52	• ELBOW LH -----	1	AT	
-202	2314035-009	• NUT -----	2	T	
-203	2314035-061	• HYDRAULIC COMPONENTS-ENGINE ASSEMBLY -----	REF	W	
-204	2407003-450	• PLACARD-HYDRAULIC RESERVOIR -----	1	AH	
	AN837-8D	• PLACARD-HYDRAULIC RESERVOIR -----	1	T	
	AN833-8D	• PLACARD-HYDRAULIC SIGHT GLASS -----	1	W	
	AN6289D8	• TUBE ASSY - PRESSURE PANEL -----	1	BL	
	MS28778-8	• CONNECTING PARTS -----			
	MS28777-8	• • ELBOW -----	1	BL	
-205	48C48603	• • ELBOW -----	1	BL	
-206	2407003-452	• • NUT -----	2	BL	
	AN833-8D	• • PACKING-O RING -----	2	BL	
	AN6289D8	• • RING-BACK UP -----	2	BL	
	MS28778-8	• • VALVE-GEAR SELECTOR -----	1	BL	
	MS28777-8	• TUBE ASSY - GEAR RETRACT -----	1	BL	
-207	2407003-451	• CONNECTING PARTS -----			
-208	2407003-453	• • ELBOW -----	1	BL	
-209	2407003-447	• • NUT -----	1	BL	
-300	2397152-004	• • PACKING-O RING -----	1	BL	
		• • RING-BACK UP -----	1	BL	
		• TUBE ASSY - GEAR EXTEND -----	1	BL	
		• TUBE ASSY - BRAKE RETURN -----	1	BL	
		• TUBE ASSY - PRESSURE PANEL -----	1	BL	
		• KIT - LANDING GEAR SELECTOR VALVE SPECIAL SPARE -----	1	BM	
		* WHEN EXHAUSTED USE 2397201-001 SPECIAL SPARE KIT & USE 2397001 SEAL KIT FOR PUMP SEALS			
		A 040 THRU 044 & 045A & 080 & ON EXCEPT A/C MOD PER ECR 230 OR ECR 227			
		B 045 & 046 THRU 079 EXCEPT A/C MOD PER ECR 230 OR ECR 227			
		C 047 THRU 079 EXCEPT A/C EQUIPPED WITH CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	U
		1 2 3 4 5 6 7		
97 -		2380095-003, 2380095-014 OR 2380095-018 OR 2380095-023 AUXILIARY PUMP		
	D	040 THRU 046 & 080 & ON EXCEPT A/C EQUIPPED WITH 2380095-003 2380095-014 OR 2380095-018 AUX PUMP OR 2380095-023		
	E	040 THRU 046 EXCEPT A/C EQUIPPED WITH 2380095-003, 2380095-014 OR 2380095-018 AUXILIARY PUMP		
	F	080 & ON EXCEPT A/C EQUIPPED WITH 2380095-003, 2380095-014 OR 2380095-018 AUXILIARY PUMP		
	G	040 THRU 084 EXCEPT A/C MOD PER SK23-175 OR SK23-187		
	H	085 & ON & A/C MOD PER SK23-175 OR ECR 233, ECR 277 OR ECR 381		
	J	040 THRU 074 EXCEPT A/C MOD PER SK23-161		
	K	075 & ON & A/C MOD PER SK23-161		
	L	040 THRU 084 WHEN MOD PER SK23-187 EXCEPT WHEN MOD PER SK23-175		
	M	040 THRU 082 & 085 THRU 094 EXCEPT WHEN MOD PER SK23-185A		
	N	083,084 & 095 & ON & A/C MOD PER SK23-185A		
	P	040 THRU 044 & 045A EXCEPT A/C MOD PER ECR 230		
	Q	080 & ON & A/C PREVIOUSLY EQUIPPED WITH THIS SWITCH OR A/C MOD PER ECR 233, ECR 277 OR ECR 381 EXCEPT A/C MOD PER AMK72-10B		
	R	040 THRU 079 WHEN MOD PER SPECIAL SPARE KIT 2397202-001 EXCEPT A/C MOD PER AMK72-10B		
	S	080 & ON EXCEPT A/C MOD PER ECR 227		
	T	003 & ON WHEN MOD PER ECR 233, ECR 230 ECR 227, ECR 277 OR ECR 381		
	U	003 THRU 039 WHEN MOD PER ECR 233 ECR 277 OR ECR 381		
	V	080 & ON & A/C MOD PER ECR 233 ECR 277 OR ECR 381		
	W	040 & ON & A/C MOD PER ECR 233 ECR 277 OR ECR 381		
	X	040 THRU 074 EXCEPT A/C MOD PER ECR 230 OR ECR 227		
	Y	075 & ON & A/C MOD PER ECR 233, ECR 230 ECR 227, ECR 277 OR ECR 381		
	Z	040 THRU 044 EXCEPT A/C MOD PER ECR 230		
	AA	045 & ON & A/C MOD PER ECR 233, ECR 230 ECR 277 OR ECR 381		
	AB	040 THRU 079 EXCEPT A/C MOD PER ECR 230 OR ECR 227		
	AC	080 & ON & A/C MOD PER ECR 233, ECR 230 ECR 227, ECR 277 OR ECR 381		
	AD	040 THRU 049 EXCEPT A/C MOD PER ECR 230		
	AE	050 THRU 079 EXCEPT A/C MOD PER ECR 230 OR ECR 227		
	AF	050 & ON & A/C MOD PER ECR 233 ECR 277 OR ECR 381		
	AH	040 & ON EXCEPT A/C MOD PER ECR 230 OR ECR 227		
	AJ	090 & ON & A/C MOD PER ECR 233 ECR 277 OR ECR 381		
	AM	SPARE FOR 2380007-003 & 2380087-001 AUXILIARY PUMPS & ON 003 THRU 039 WHEN MOD PER ECR 233, ECR 277 OR ECR 381		
	AN	COMPONENT OF 2397201-001 KIT		
	AP	SPARE FOR 2380095-003		
	AQ	MOD SEQ 1 THRU 11 WHEN MOD PER ECR 233 ECR 277 OR ECR 381--SEE PAGE 1 EXCEPT WHEN MOD PER SK23/24-261		
	AR	011,012,015,019 & 031 WHEN MOD PER SK23/24-261 & MOD SEQ 12 & ON WHEN MOD PER ECR 233--SEE PAGE 1		
	AS	003 & ON WHEN MOD PER ECR 233, ECR 230 ECR 227, ECR 277 OR ECR 381 EXCEPT WHEN EQUIPPED WITH CONTROLEX THROTTLE CONTROL CABLES		
	AT	003 & ON WHEN MOD PER ECR 233, ECR 230 ECR 227, ECR 277 OR ECR 381 & EQUIPPED WITH CONTROLEX THROTTLE CONTROL CABLES		
	AU	003 & ON WHEN MOD PER ECR 233, ECR 230, CONTINUED		
		A---ATTACHING PARTS		



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				1 2 3 4 5 6 7	THRU
97 -		ECR 227, ECR 277 OR ECR 381 EXCEPT A/C EQUIPPED FOR ICE OPERATION			
	AV	003 & ON WHEN A/C IS EQUIPPED FOR ICE OPERATION			
	AW	040 & ON & A/C MOD PER ECR 233, ECR 277, OR ECR 381 EXCEP A/C MOD PER SK23/24-296			
	AX	040 THRU 079 WHEN MOD PER SK23/24-296 EXCEPT A/C MOD PER ECR 233, ECR 277 OR ECR 381			
	AY	SPARE FOR 2380095-014			
	AZ	SPARE FOR 2380030-013 REGULATOR ASSY			
	BA	COMPONENT OF 2397202-001 KIT			
	BB	040 & ON & A/C MOD PER ECR 233, ECR 277 OR ECR 381 & EXCEPT A/C MOD PER AMK72-108			
	BC	040 & ON & A/C MOD PER ECR 233, ECR 277 ECR 381 OR AMK72-108			
	BD	SPARE FOR 2380025-001			
	BE	SPARE FOR 2380095-023			
	BF	SEAL KIT FOR 2380095-014 & 2380095-003			
	BG	SEAL KIT FOR 2380095-018			
	BH	SEAL KIT FOR 2380095-023 & 2380095-020			
	BJ	SPARE FOR 2380095-018			
	BK	040 & ON & A/C MOD PER ECR 233, ECR 277 OR ECR 381 & EXCEPT A/C THAT HAVE BEEN INSTALLED WITH 2397152-004 KIT PER SSK 921 KIT INSTRUCTIONS			
	BL	040 & ON & A/C MOD PER ECR 233, ECR 277 OR ECR 381 WHEN A/C HAVE BEEN INSTALLED WITH 2397152-004 KIT PER SSK 921 KIT INSTRUCTIONS			
	BM	SPARE FOR 2380022-020 OR 2380022-022			
	BN	040 THRU 079 EXCEPT A/C MOD PER SPECIAL SPARE KIT 2397202-001 OR AMK72-108			
	BP	080 & ON & A/C MOD PER ECR 233, ECR 277 OR ECR 381 EXCEPT A/C MOD PER AMK72-108			
		A---ATTACHING PARTS			

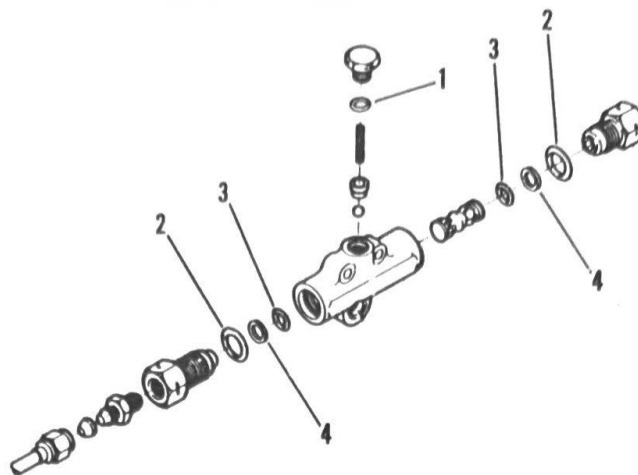


11-10C  
11-10C-1

Figure 98. Parking Brake Valve Installation



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
98 -		1 2 3 4 5 6 7			
-1	7-U-7045-52	PARKING BRAKE VALVE INSTALLATION			
-2	AN520-10R32	• VALVE ASSEMBLY -----	1	A	
-3	AN520-10R7	A • SCREW -----	1	A	
-4	AN960D10L	A • SCREW -----	2	A	
-5	2317057-001	A • WASHER -----	3	A	
	2317057-007	• SUPPORT ASSEMBLY-PARKING BRAKE -----	1	C	
	AN515-8R7	• SUPPORT ASSEMBLY-PARKING BRAKE -----	1	D	
	AN960D8L	A • SCREW -----	3	A	
-6	2317056-001	A • WASHER -----	3	A	
-7	2317040-010	• HUB ASSEMBLY-PARKING BRAKE -----	1	A	
-8	AN501A10-20	• WASHER -----	1	A	
-9	RA-13-187-1	• SCREW -----	1	A	
-10	MS20392-2C17	• YOKE-PARKING BRAKE CABLE -----	1	A	
-11	AN960D10L	• PIN-CLEVIS -----	1	A	
-12	AN315-3R	• WASHER -----	2	A	
	2380059-001	• NUT -----	1	A	
		• VALVE ASSEMBLY WHEN EXHAUSTED USE			
	2380059-005	2380059-005 -----	2	B	
-13	AN3-14A	• VALVE ASSEMBLY -----	2	E	
	AN960D10L	A • BOLT -----	8	B	
	MS28775-115	A • WASHER -----	8	B	
	MS28775-010	• • PACKING-O RING -----	1	F	
	MS28775-111	• • PACKING-O RING -----	2	F	
-15	AN893-3D	• • PACKING-O RING -----	2	G	
-16	MS28778-8	• • REDUCER -----	2	B	
-20	AN776-4D	• • PACKING-O RING -----	2	B	
-21	AN775-4C	• • ELBOW -----	2	B	
-22	AN901-4A	• • BOLT -----	2	B	
-23	2317067-008	• • GASKET -----	4	B	
		• SUPPORT ASSY WHEN EXHAUSTED USE			
	2317067-013	2317067-013 -----	1	B	
	AN515DD8R7	• SUPPORT ASSY -----	1	H	
-24	2317067-007	A • SCREW -----	2	B	
-25	MS20392-1C13	• TERMINAL END -----	1	B	
-26	MS24665-148	• PIN-CLEVIS -----	2	B	
-27	AN960D4	• PIN-COTTER -----	2	B	
-28	2317067-003	• WASHER -----	4	B	
-29	6600051-002	• LINK ASSEMBLY -----	1	B	
	6600051-004	• CABLE ASSEMBLY-PARKING BRAKE -----	1	A	
-30	AN665-21R	• CABLE ASSEMBLY-PARKING BRAKE -----	1	B	
-31	MS20392-2C11	• CLEVIS-PARKING BRAKE CABLE -----	2	B	
-32	AN315-3R	• PIN-CLEVIS -----	2	B	
		• NUT -----	1	B	
		A 003 THRU 049 EXCEPT A/C MOD PER ECR 233			
		ECR 230, ECR 277 OR ECR 381			
		B 050 & ON & A/C MOD PER ECR 233, ECR 230			
		ECR 277 OR ECR 381			
		C 003 THRU 029 EXCEPT A/C MOD PER ECR 233			
		ECR 277 OR ECR 381			
		D 030 THRU 049 EXCEPT A/C MOD PER ECR 233			
		OR ECR 230			
		E SPARE FOR 2380059-001			
		F USED ON 2380059-001			
		G USED ON 2380059-005			
		H SPARE FOR 2317067-008			
		A---ATTACHING PARTS			

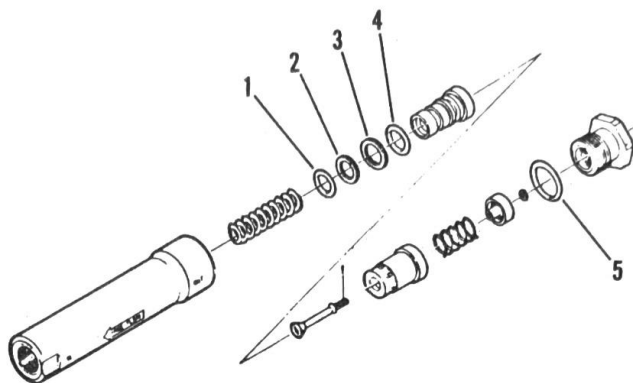


11-29B-1

Figure 98A. Shuttle Valve Assembly

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
98A-	FUNCTION NO 1	VALVE ASSY-SHUTTLE	2	A	
	FUNCTION NO 2	VALVE ASSY-SHUTTLE	1	A	
	FUNCTION NO 3	VALVE ASSY-SHUTTLE			
		UPLATCH ACTUATOR	1	A	
	FUNCTION NO 4	VALVE ASSY-SHUTTLE	2	A	
	FUNCTION NO 5	VALVE ASSY-SHUTTLE	2	A	
	FUNCTION NO 6	VALVE ASSY-SHUTTLE			
		ACTUATOR	2	A	
	FUNCTION NO 7	VALVE ASSY-SHUTTLE	2	A	
	AN6277-4	• VALVE ASSY-SHUTTLE	1	B	
	2380014-001	• VALVE ASSY-SHUTTLE	1	B	
	2380014-002	• VALVE ASSY-SHUTTLE	1	B	
	2380014-003	• VALVE ASSY-SHUTTLE	1	B	
	2380014-004	• VALVE ASSY-SHUTTLE	1	B	
	2380014-005	• VALVE ASSY-SHUTTLE	1	B	
	AN6277-6	• VALVE ASSY-SHUTTLE	1	C	
	2380089-001	• VALVE ASSY-SHUTTLE	1	C	
	2380089-002	• VALVE ASSY-SHUTTLE	1	C	
	2380089-003	• VALVE ASSY-SHUTTLE	1	C	
	2380089-004	• VALVE ASSY-SHUTTLE	1	C	
	AN6278-4	• VALVE ASSY-SHUTTLE	1	D	
	2380090-001	• VALVE ASSY-SHUTTLE	1	D	
	2380090-002	• VALVE ASSY-SHUTTLE	1	D	
	2380090-003	• VALVE ASSY-SHUTTLE	1	D	
	2380152-001	• VALVE ASSY-SHUTTLE	1	D	
	2380152-002	• VALVE ASSY-SHUTTLE	1	D	
-1	MS28778-4	• • PACKING-O RING	1	E	
	MS28775-111	• • PACKING-O RING	1	F	
-2	MS28775-110	• • PACKING-O RING	1	R	
	MS28775-111	• • PACKING-O RING	2	G	
	MS28775-112	• • PACKING-O RING	2	H	
	MS28775-114	• • PACKING-O RING	2	J	
	MS28775-115	• • PACKING-O RING	2	K	
	MS28778-8	• • PACKING-O RING	2	L	
-3	MS28775-110	• • PACKING-O RING	2	M	
	MS28775-111	• • PACKING-O RING	2	N	
	MS28775-112	• • PACKING-O RING	2	P	
	MS28775-114	• • PACKING-O RING	2	Q	
-4	MS28782-12	• • RING-BACK UP	2	M	
		A 003 & ON			
		B USED FOR FUNCTION NOS 1, 3, 6 & 7			
		C USED FOR FUNCTION NOS 2 & 5			
		D USED FOR FUNCTION NO 4			
		E COMPONENT OF 2380014-002 & -003, 2380089-001, 2380090-001 & 2380152-001			
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE	
				ON	THRU
		1 2 3 4 5 6 7			
98A-	F	COMPONENT OF 2380014-001 & -004, 2380089			
		-002 & -003 & 2380090-002 & -003			
	G	COMPONENT OF 2380014-002			
	H	COMPONENT OF 2380014-001 & -004 &			
		2380089-002, -003 & -004			
	J	COMPONENT OF 2380014-003			
	K	COMPONENT OF 2380152-001 & 2380090-001			
	L	COMPONENT OF 2380089-001			
	M	COMPONENT OF 2380014-005			
	N	COMPONENT OF 2380014-001, -003, -004 &			
		2380089-002 &-003 & 2380090-002 & -003 &			
		2380152-002			
	P	COMPONENT OF 2380089-001			
	Q	COMPONENT OF 2380014-002 & -005 &			
		2380089-004			
	R	COMPONENT OF 2380152-002			
	A---ATTACHING PARTS				



6-22B

Figure 98B. Priority Valve Assembly

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
98B-	2380033-006 2380033-005	VALVE ASSY-PRIORITY NOSE GEAR RETRACT ----- VALVE ASSY-PRIORITY NOSE GEAR EXTEND ----- WHEN EXHAUSTED USE 4558 -----	1 1	A B	
	4558	VALVE ASSY-PRIORITY NOSE GEAR EXTEND ----- ALT FOR 2380033-005 -----	1	B	
	2380033-004	VALVE ASSY-PRIORITY MLG ACTUATOR -----	1	C	
-1	MS28775-113	. PACKING-O RING -----	1	D	
-2	MS28782-11	. RING-BACK UP -----	1	D	
-3	MS28782-12	. RING-BACK UP -----	1	D	
-4	MS28775-114	. PACKING-O RING -----	1	D	
-5	MS28778-12	. PACKING-O RING -----	1	D	
		A 003 THRU 025 EXCEPT A/C MOD PER ECR 233, ECR 277 OR ECR 381			
		B 003 & ON			
		C 003 THRU 079 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, ECR 392 OR ECR 401			
		D USED ON 2380033-004, -005 & -006 ASSYS			
		A---ATTACHING PARTS			

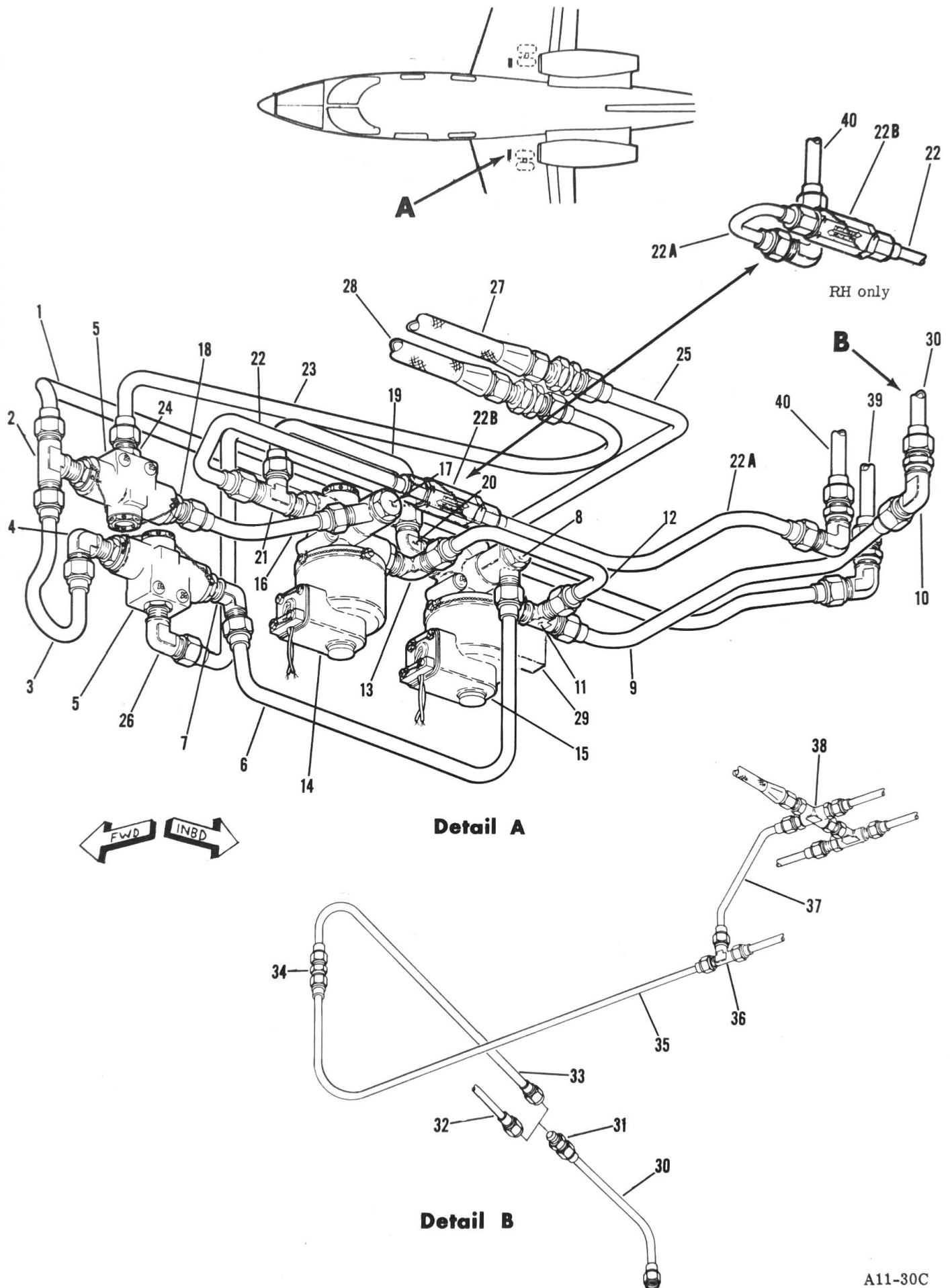


Figure 99. Anti-Skid System Installation

A11-30C  
B11-20B

FIGURE AND INDEX NO.	PART NUMBER		DESCRIPTION	UNITS PER ASSY	USABLE ON	
			1 2 3 4 5 6 7		THRU	
99 -			ANTI SKID SYSTEM INSTALLATION			
-1	2307002-337	*	• TUBE ASSEMBLY-EMERGENCY AIR BRAKE LH -----	1	A	
-2	2307002-338	*	• TUBE ASSEMBLY-EMERGENCY AIR BRAKE RH -----	1	A	
	AN834-4C		• CONNECTING PARTS			
	AN6289D4		• • TEE -----	2	A	
	MS28777-4		• • NUT -----	2	A	
	MS28778-4		• • RING-BACK UP -----	2	A	
-3	2307002-339	*	• • PACKING-O RING -----	2	A	
-4	2307002-340	*	• TUBE ASSEMBLY-EMERGENCY AIR BRAKE LH -----	1	A	
	AN833-4C		• TUBE ASSEMBLY-EMERGENCY AIR BRAKE RH -----	1	A	
	AN6289D4		• CONNECTING PARTS			
	MS28777-4		• • ELBOW -----	2	A	
	MS28778-4		• • NUT -----	2	A	
-5	SEE FIGURE 98A		• • RING-BACK UP -----	2	A	
	AN520-10R22		• • PACKING-O RING -----	2	A	
	AN960D10L		• VALVE ASSY-SHUTTLE ANTI SKID -----	2	F	
-6	2307003-373	*	• SCREW -----	8	A	
	2307003-374	*	• WASHER -----	8	A	
			• TUBE ASSEMBLY-INBD BRAKE LH -----	1	A	
-7	AN833-4C		• TUBE ASSEMBLY-INBD BRAKE RH -----	1	A	
	AN6289D4		• CONNECTING PARTS			
	MS28777-4		• • ELBOW -----	2	A	
	MS28778-4		• • NUT -----	2	A	
-8	NAS552-4		• • RING-BACK UP -----	2	A	
	NAS551-4		• • PACKING-O RING -----	2	A	
	MS28775-011		• • ELBOW -----	2	A	
	MS28778-4		• • BOLT -----	2	A	
-9	2307003-365	*	• • PACKING-O RING -----	2	A	
	2307003-361	*	• • PACKING-O RING -----	2	A	
			• TUBE ASSEMBLY-BRAKE RETURN LH -----	1	A	
-10	AN833-4C		• TUBE ASSEMBLY-BRAKE RETURN RH -----	1	A	
	AN924-4D		• CONNECTING PARTS			
	AN960D716		• • ELBOW -----	2	A	
-11	AN804C4		• • NUT -----	2	A	
	AN6289D4		• • WASHER -----	2	A	
	MS28777-4		• • TEE -----	2	A	
	MS28778-4		• • NUT -----	2	A	
-12	2307003-367	*	• • RING-BACK UP -----	2	A	
	2307003-368	*	• • PACKING-O RING -----	2	A	
			• TUBE ASSEMBLY-BRAKE RETURN LH -----	1	A	
-13	AN833-4C		• TUBE ASSEMBLY-BRAKE RETURN RH -----	1	A	
	AN6289D4		• CONNECTING PARTS			
	MS28777-4		• • ELBOW -----	2	A	
	MS28778-4		• • NUT -----	2	A	
-14	147725-2		• • RING-BACK UP -----	2	A	
			• • PACKING-O RING -----	2	A	
-15	147725-2		• VALVE-SOLENOID LH & RH OUTBD	2	A	
	2380084-001		• VALVE-SOLENOID LH INBD B33 -----	1	A	
	2380084-002		• VALVE-SOLENOID RH INBD B32 -----	1	B	
			• VALVE-SOLENOID RH INBD ALT FOR			
	147725-2		• VALVE-SOLENOID RH INBD B32 -----	1	B	
	AN520-10R22		• SCREW -----	1	C	
	AN960D10L		• WASHER -----	4	A	
-16	2307003-371	*	• TUBE ASSEMBLY-BRAKE PRESSURE LH -----	1	A	
	2307003-372	*	• TUBE ASSEMBLY-BRAKE PRESSURE RH -----	1	A	
			• CONNECTING PARTS			
-17	NAS553-4		• • ELBOW -----	2	A	
	NAS551-4		• • BOLT -----	2	A	
	MS28775-011		• • PACKING-O RING -----	2	A	
	MS28778-4		• • PACKING-O RING -----	2	A	
-18	AN815-4C		• UNION -----	2	A	
	MS28778-4		• • PACKING-O RING -----	2	A	
-19	2307003-363	*	• TUBE ASSEMBLY-BRAKE PRESSURE LH -----	1	A	
	2307003-364	*	• TUBE ASSEMBLY-BRAKE PRESSURE RH -----	1	A	
			• CONNECTING PARTS			
-20	AN833-4C		• • ELBOW -----	2	A	
	AN6289D4		• • NUT -----	2	A	
	MS28777-4		• • RING-BACK UP -----	2	A	
	MS28778-4		• • PACKING-O RING -----	2	A	
-21	AN804C4		• • TEE -----	2	A	
	AN6289D4		• • NUT -----	2	A	
	MS28777-4		• • RING-BACK UP -----	2	A	
	MS28778-4		• • PACKING-O RING -----	2	A	
-22	2307003-361	*	• TUBE ASSY-BRAKE PRESSURE LH -----	1	G	
	2307024-367	*	• TUBE ASSY-BRAKE PRESSURE LH -----	1	G	
			• VALVE TO RESTRICTOR -----	1	H	
	2307003-366	*	• TUBE ASSY-BRAKE PRESSURE RH -----	1	G	
	2307024-366	*	• TUBE ASSY-BRAKE PRESSURE RH -----	1	H	
			• VALVE TO RESTRICTOR -----	1	H	
			CONTINUED			
			A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER		DESCRIPTION	UNITS PER ASSY	USABLE ON	
					THRU	
			1 2 3 4 5 6 7			
99 -22A	2307024-365	*	• TUBE ASSY-BRAKE PRESSURE LH RESTRICTOR TO WING FITTING -----	1	H	
	2307024-364	*	• TUBE ASSY-BRAKE PRESSURE RH RESTRICTOR TO WING FITTING -----	1	H	
-22B	1R3649-035		• RESTRICTOR-BRAKE PRESSURE -----	2	H	
-23	2307003-369	*	• TUBE ASSEMBLY-BRAKE PRESSURE FWD LH -----	1	A	
	2307003-370	*	• TUBE ASSEMBLY-BRAKE PRESSURE FWD RH -----	1	A	
-24			• CONNECTING PARTS			
	AN815-4C		• • UNION -----	2	A	
	MS28778-4		• • PACKING-O RING -----	2	A	
-25	2307003-375	*	• TUBE ASSEMBLY-BRAKE PRESSURE AFT LH -----	1	A	
	2307003-376	*	• TUBE ASSEMBLY-BRAKE PRESSURE AFT LH -----	1	A	
-26			• CONNECTING PARTS			
	AN833-4C		• • ELBOW -----	2	A	
	AN6289D4		• • NUT -----	2	A	
	MS28777-4		• • RING-BACK UP -----	2	A	
	MS28778-4		• • PACKING-O RING -----	2	A	
-27	SEE FIGURE 92		• HOSE ASSEMBLY-BRAKE PRESSURE AFT -----	REF	A	
-28	SEE FIGURE 92		• HOSE ASSEMBLY-BRAKE PRESSURE FWD -----	REF	A	
-29	2388029-009		• SUPPORT ASSEMBLY-LH -----	1	A	
	2388029-010		• SUPPORT ASSEMBLY-RH -----	1	A	
-30	2307003-377	*	• TUBE ASSEMBLY-BRAKE RETURN LH -----	1	D	
	2307003-378	*	• TUBE ASSEMBLY-BRAKE RETURN RH -----	1	D	
-31	AN815-4D		• UNION -----	2	D	
-32	SEE FIGURE 95	*	• TUBE ASSEMBLY-BRAKE RETURN -----	REF	E	
-33	2307003-379	*	• TUBE ASSEMBLY-BRAKE RETURN LH -----	1	D	
	2307003-380	*	• TUBE ASSEMBLY-BRAKE RETURN RH -----	1	D	
-34	AN815-4D		• UNION -----	1	D	
-35	2307003-381	*	• TUBE ASSEMBLY-BRAKE RETURN LH -----	1	D	
	2307003-382	*	• TUBE ASSEMBLY-BRAKE RETURN RH -----	1	D	
-36	AN824-4D		• TEE -----	1	D	
-37	2307003-383		• TUBE ASSEMBLY-BRAKE RETURN MANIFOLD -----	1	D	
-38	SEE FIGURE 94		• CROSS-SPEED BRAKE -----	REF	D	
-39	SEE FIGURE 89		• TUBE ASSEMBLY-EMERGENCY BRAKE -----	REF	A	
-40	SEE FIGURE 92		• TUBE ASSEMBLY-BRAKE PRESSURE -----	REF	A	
		*	USE AP50N-4 FITTING SEALS TO CONNECT TUBE ASSYS FLAGGED WITH AN ASTERISK *			
		A	003 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381 ECR 392 OR ECR 401			
		B	003 THRU 011 EXCEPT A/C MOD PER ECR 233 ECR 392 OR ECR 401			
		C	012 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381 ECR 392 OR ECR 401			
		D	003 THRU 089 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381 ECR 392 OR ECR 401			
		E	090 & ON EXCEPT A/C MOD PER ECR 227			
		F	SEE REF FIGURE FOR USAGE			
		G	003 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, ECR 392, ECR 401 OR SK23/24-322A			
		H	003 & ON WHEN MOD PER SK23/24-322A EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, ECR 392 OR ECR 401			
			A---ATTACHING PARTS			



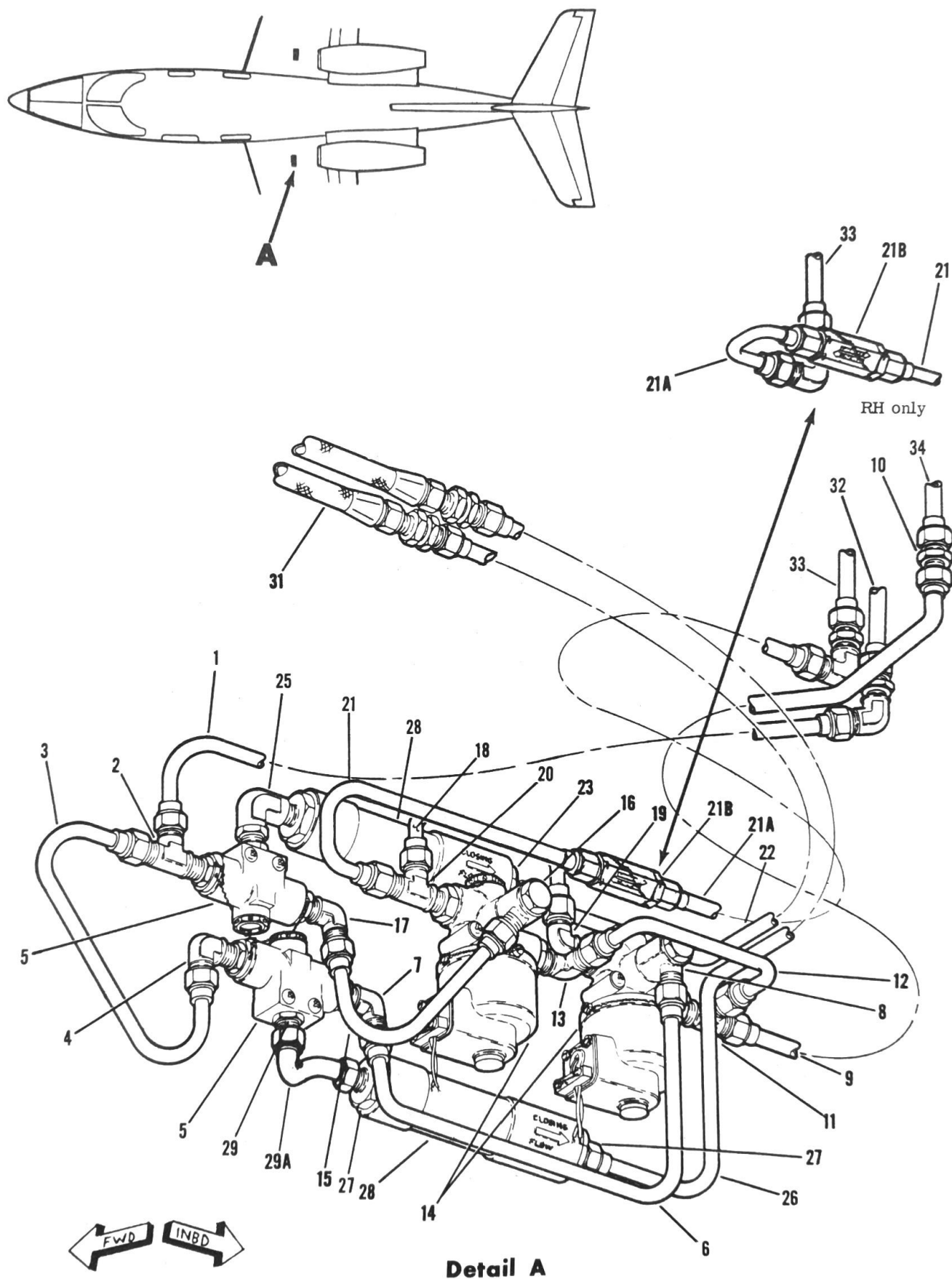


Figure 99A. Anti-Skid System Installation

A11-30C

LIMITED EFFECTIVITY Serial Code A

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
99A-		ANTI SKID SYSTEM INSTALLATION		A	
-1	2307002-355	* . TUBE ASSEMBLY-EMERGENCY AIR BRAKE LH -----	1	A	
-2	2307002-354	* . TUBE ASSEMBLY-EMERGENCY AIR BRAKE RH -----	1	A	
		. CONNECTING PARTS			
	AN804C4	. . TEE -----	2	A	
	AN6289D4	. . NUT -----	2	A	
	MS28778-4	. . PACKING-O RING -----	2	A	
	MS28777-4	. . RING-BACK UP -----	2	A	
-3	2307002-353	* . TUBE ASSEMBLY-EMERGENCY AIR BRAKE -----	1	A	
-4	2307002-352	* . TUBE ASSEMBLY-EMERGENCY AIR BRAKE -----	1	A	
		. CONNECTING PARTS			
	AN833-4C	. . ELBOW -----	2	A	
	AN6289D4	. . NUT -----	2	A	
	MS28777-4	. . RING-BACK UP -----	2	A	
	MS28778-4	. . PACKING-O RING -----	2	A	
-5	SEE FIGURE 98A	. VALVE ASSY-SHUTTLE ANTI SKID -----	REF	C	
	AN520-10R22	A . SCREW -----	8	A	
	AN960D10L	A . WASHER -----	8	A	
-6	2307023-397	* . TUBE ASSEMBLY-INBD BRAKE LH -----	1	A	
	2307023-398	* . TUBE ASSEMBLY-INBD BRAKE RH -----	1	A	
		. CONNECTING PARTS			
-7	AN833-4C	. . ELBOW -----	2	A	
	AN6289D4	. . NUT -----	2	A	
	MS28777-4	. . RING-BACK UP -----	2	A	
	MS28778-4	. . PACKING-O RING -----	2	A	
-8	AN777-4C	. . ELBOW -----	2	A	
	AN775-4C	. . BOLT -----	4	A	
	AN901-4A	. . GASKET -----	4	A	
-9	2307023-399	* . TUBE ASSEMBLY-BRAKE RETURN LH -----	1	A	
	2307003-362	* . TUBE ASSEMBLY-BRAKE RETURN RH -----	1	A	
		. CONNECTING PARTS			
-10	AN815-4D	. . UNION -----	2	A	
-11	AN804C4	. . TEE -----	2	A	
	AN6289D4	. . NUT -----	2	A	
	MS28777-4	. . RING-BACK UP -----	2	A	
	MS28778-4	. . PACKING-O RING -----	2	A	
-12	2307003-367	* . TUBE ASSEMBLY-BRAKE RETURN LH -----	2	A	
-13		. CONNECTING PARTS			
	AN833-4C	. . ELBOW -----	2	A	
	AN6289D4	. . NUT -----	2	A	
	MS28777-4	. . RING-BACK UP -----	2	A	
	MS28778-4	. . PACKING-O RING -----	2	A	
-14	147725-2	. VALVE-SOLENOID ANTI SKID -----	4	A	
		B31,B32,B33,B34 -----			
	AN520-10R22	A . SCREW -----	8	A	
	AN960D10L	A . WASHER -----	8	A	
-15	2307023-391	* . TUBE ASSEMBLY-BRAKE PRESSURE LH -----	1	A	
	2307023-390	* . TUBE ASSEMBLY-BRAKE PRESSURE RH -----	1	A	
		. CONNECTING PARTS			
-16	AN776-4C	. . ELBOW -----	2	A	
	AN775-4C	. . BOLT -----	2	A	
	AN901-4A	. . GASKET -----	4	A	
-17	AN833-4C	. . ELBOW -----	2	A	
	AN6289D4	. . NUT -----	2	A	
	MS28777-4	. . RING-BACK UP -----	2	A	
	MS28778-4	. . PACKING-O RING -----	2	A	
-18	2307003-363	* . TUBE ASSEMBLY-BRAKE PRESSURE LH -----	1	A	
	2307023-396	* . TUBE ASSEMBLY-BRAKE PRESSURE RH -----	1	A	
		. CONNECTING PARTS			
-19	AN833-4C	. . ELBOW -----	2	A	
	AN6289D4	. . NUT -----	2	A	
	MS28777-4	. . RING-BACK UP -----	2	A	
	MS28778-4	. . PACKING-O RING -----	2	A	
-20	AN804C4	. . TEE -----	2	A	
	AN6289D4	. . NUT -----	2	A	
	MS28777-4	. . RING-BACK UP -----	2	A	
	MS28778-4	. . PACKING-O RING -----	2	A	
-21	2307003-361	* . TUBE ASSY-BRAKE PRESSURE LH -----	1	D	
	2307024-367	* . TUBE ASSY-BRAKE PRESSURE LH -----	1	D	
		VALVE TO RESTRICTOR -----	1	E	
	2307003-366	* . TUBE ASSY-BRAKE PRESSURE RH -----	1	D	
	2307024-366	* . TUBE ASSY-BRAKE PRESSURE RH -----	1	D	
		VALVE TO RESTRICTOR -----	1	E	
-21A	2307024-365	* . TUBE ASSY-BRAKE PRESSURE RH -----	1	E	
		RESTRICTOR TO WING FITTING -----	1	E	
	2307024-364	* . TUBE ASSY-BRAKE PRESSURE -----	1	E	
		RESTRICTOR TO WING FITTING -----	1	E	
-21B	1R3649-035	. RESTRICTOR-BRAKE PRESSURE -----	2	E	
-22	2307023-389	* . TUBE ASSEMBLY-BRAKE PRESSURE OUTBD LH -----	1	A	
	2307023-388	* . TUBE ASSEMBLY-BRAKE PRESSURE OUTBD RH -----	1	A	
-23		. CONNECTING PARTS			
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
99A-	AN919-10C	• • REDUCER -----	2	A	
-25	MS28778-8	• • PACKING-O RING -----	2	A	
		• CONNECTING PARTS -----			
	AN832-4	• • UNION -----	2	A	
	AN939D4	• • ELBOW -----	2	A	
	AN919-10D	• • REDUCER -----	2	A	
	MS28777-4	• • RING-BACK UP -----	2	A	
	MS28778-4	• • PACKING-O RING -----	2	A	
	MS28778-8	• • PACKING-O RING -----	2	A	
-26	2307023-387	* • TUBE ASSEMBLY-BRAKE PRESSURE LH -----	1	A	
	2307023-386	* • TUBE ASSEMBLY-BRAKE PRESSURE RH -----	1	A	
-27		• CONNECTING PARTS -----			
	AN919-10C	• • REDUCER -----	4	A	
	MS28778-8	• • PACKING-O RING -----	4	A	
-28	SEE FIGURE 99B	• FUSE ASSY-ANTI SKID -----	REF	C	
-29	AN815-4D	• UNION -----	2	A	
	MS28778-4	• PACKING-O RING -----	2	A	
-29A	2307024-382	• TUBE ASSY-BRAKE PRESSURE -----	2	A	
-30	SEE FIGURE 92	• HOSE ASSEMBLY-BRAKE PRESSURE AFT -----	REF	C	
-31	SEE FIGURE 92	• HOSE ASSEMBLY-BRAKE PRESSURE FWD -----	REF	C	
-32	SEE FIGURE 89	• TUBE ASSEMBLY-EMERGENCY BRAKE -----	REF	C	
-33	SEE FIGURE 92	• TUBE ASSEMBLY-BRAKE PRESSURE -----	REF	C	
-34	SEE FIGURE 95	• TUBE ASSEMBLY-BRAKE RETURN -----	REF	C	
		* USE AP50N-4 FITTING SEALS TO CONNECT TUBE ASSYS FLAGGED WITH AN ASTERISK *			
	A	003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, ECR 392 OR ECR 401			
	C	SEE REF FIGURE FOR USAGE			
	D	003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, ECR 392, ECR 401 EXCEPT A/C MOD PER SK23/24-322A			
	E	003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, ECR 392, ECR 401 & SK23/24-322A			
		A---ATTACHING PARTS			

LIMITED EFFECTIVITY Serial Code A

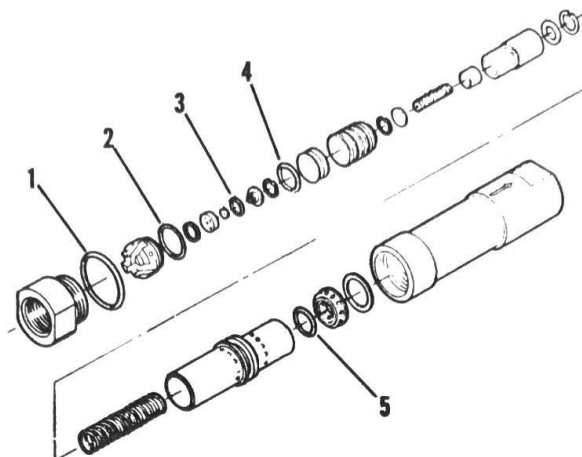
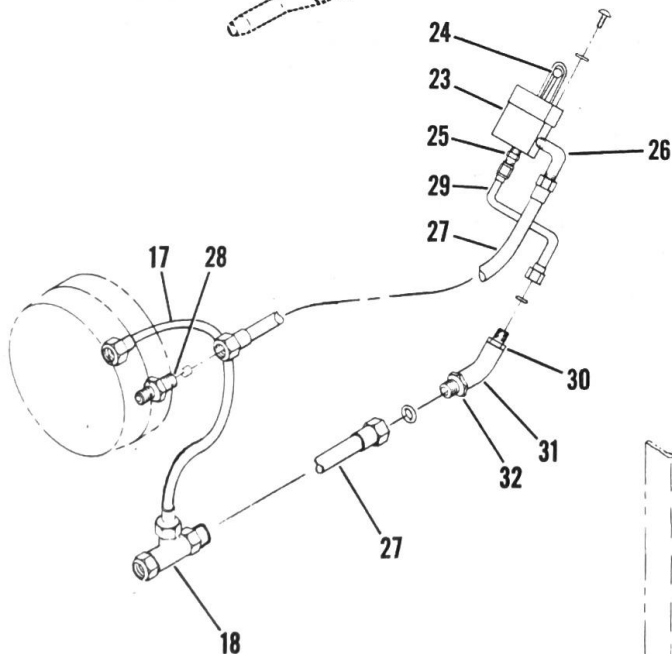
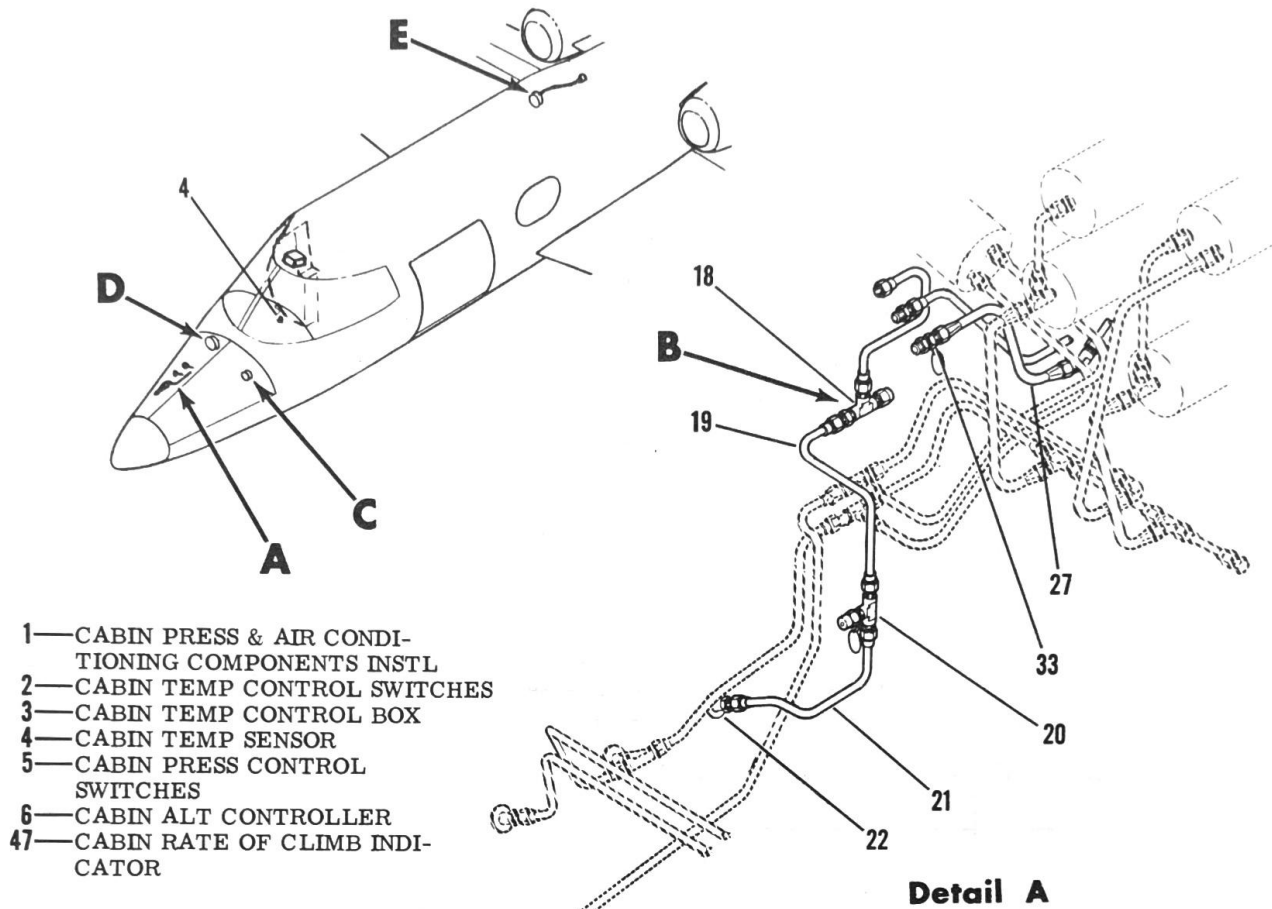
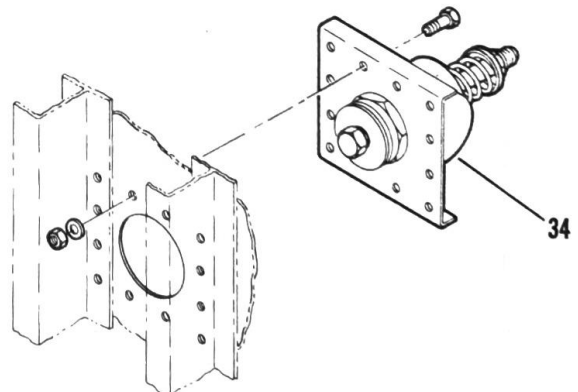


Figure 99B. Anti Skid Fuse Assembly

11-34B

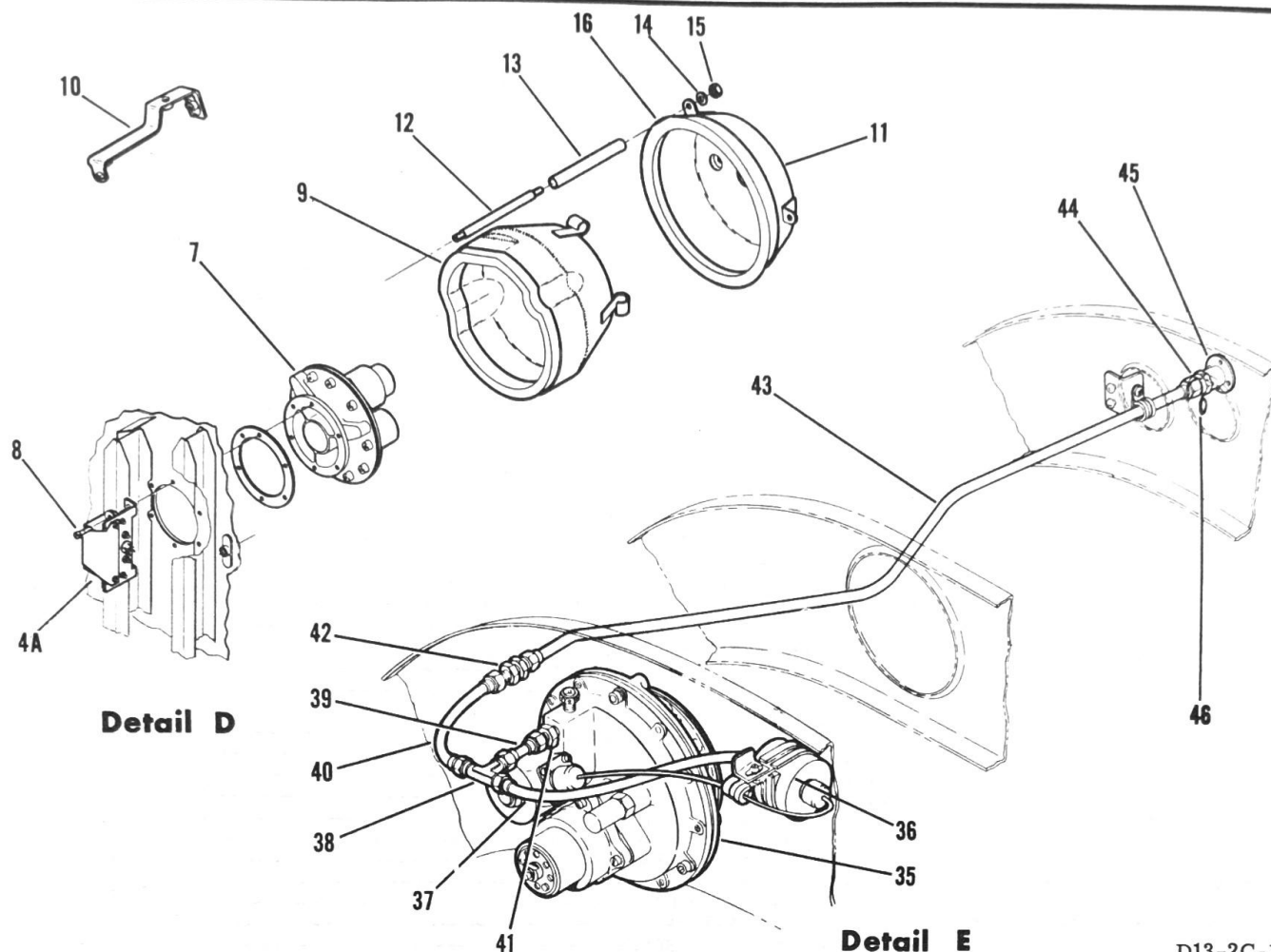
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
99B-	AN6281-8-10	FUSE ASSY-ANTI SKID WHEN EXHAUSTED			
	2380114-001	USE 2380114-001 -----	4	A	
	2380114-004	FUSE ASSY-ANTI SKID ALT FOR			
	AN6281-8-10	-----	4	A	
-1	MS28775-211	FUSE ASSY-ANTI SKID -----	4	B	
-2	MS28775-112	• PACKING-O RING -----	1	C	
-3	MS28775-010	• PACKING-O RING -----	1	C	
-4	MS28775-111	• PACKING-O RING -----	1	C	
-5	MS28775-116	• PACKING-O RING -----	1	C	
		A 070 & ON & A/C MOD PER SK23-137 EXCEPT			
		A/C MOD PER SK23/24-322			
		B 003 & ON WHEN MOD PER SK23/24-322			
		C USED ON 2380114-001 & -004 ASSYS			
		D 070 & ON & A/C MOD PER SK23-137 OR			
		SK23/24-322A			
		A---ATTACHING PARTS			

LIMITED EFFECTIVITY Serial Code D

**Detail B****Detail C**

A14-28D  
 B14-19C  
 C13-36A

Figure 100. Environmental System Installation (Sheet 1 of 2)



Detail D

Detail E

D13-2C-1  
E13-2B-3

Figure 100. Environmental System Installation (Sheet 2 of 2)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
100 -		ENVIRONMENTAL SYSTEM INSTALLATION			
-1	SEE FIGURE 102	• PRESSURIZATION & AIR CONDITIONING COMPONENTS INSTALLATION-CABIN -----	1	A	
-2	SEE FIGURE 139	• AIR CONDITIONING CONTROL SYSTEM-CABIN -----	1	A	
-3	SEE FIGURE 139	• • SWITCH-CABIN TEMP CONTROL -----	REF	D	
-4	BYLF7469	• • CONTROL BOX-CABIN TEMP -----	REF	D	
-4A	2380107-004	• • SENSOR-CABIN TEMPERATURE -----	1	H	
		• • SENSOR-CABIN TEMPERATURE -----	1	G	
-5	SEE FIGURE 138	• PRESSURIZATION CONTROL SYSTEM-CABIN -----	1	A	
-6	SEE FIGURE 138	• • SWITCHES-CABIN PRESS CONTROL -----	REF	D	
		• • ALTITUDE CONTROLLER-CABIN -----	REF	D	
-7	13298-4	• • VALVE & COVER INSTL-CABIN EXHAUST -----	1	A	
	13298-4A	• • • VALVE-EXHAUST -----	1	E	
	16298-1	• • • VALVE-EXHAUST -----	1	F	
-8	AN501A10-8	• • • VALVE-EXHAUST -----	1	G	
	NAS620A10L	• • • SCREW -----	6	A	
-9	2314088-002	• • • WASHER -----	6	A	
	2314109-003	• • • BAFFLE BASE ASSEMBLY -----	1	H	
-10	2314088-012	• • • BAFFLE BASE ASSEMBLY -----	1	G	
	AN515-6R5	• • • CLIP ASSEMBLY -----	3	H	
	AN960D6L	• • • SCREW -----	3	H	
-11	2314088-003	• • • WASHER -----	3	H	
	2314088-019	• • • BAFFLE TOP ASSEMBLY -----	1	E	
	2314109-002	• • • BAFFLE TOP ASSEMBLY -----	1	F	
		• • • BAFFLE TOP ASSEMBLY WHEN EXHAUSTED USE 2314109-014 -----	1	G	
	2314109-014	• • • BAFFLE TOP ASSEMBLY -----	1	J	
	AN515-6R10	• • • SCREW -----	3	H	
-12	2314109-013	• • • STUD -----	3	G	
		CONTINUED			
		A---ATTACHING PARTS			

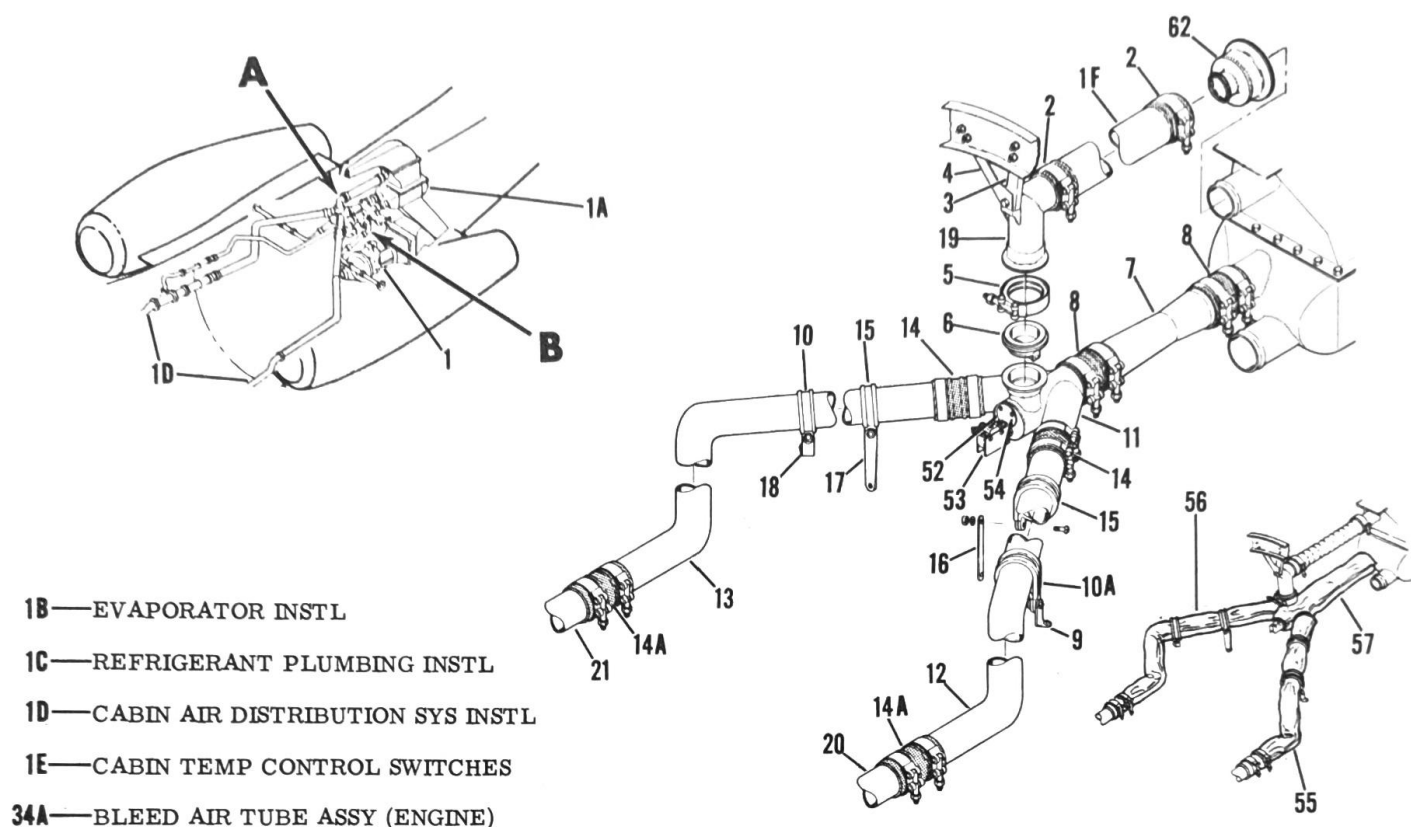
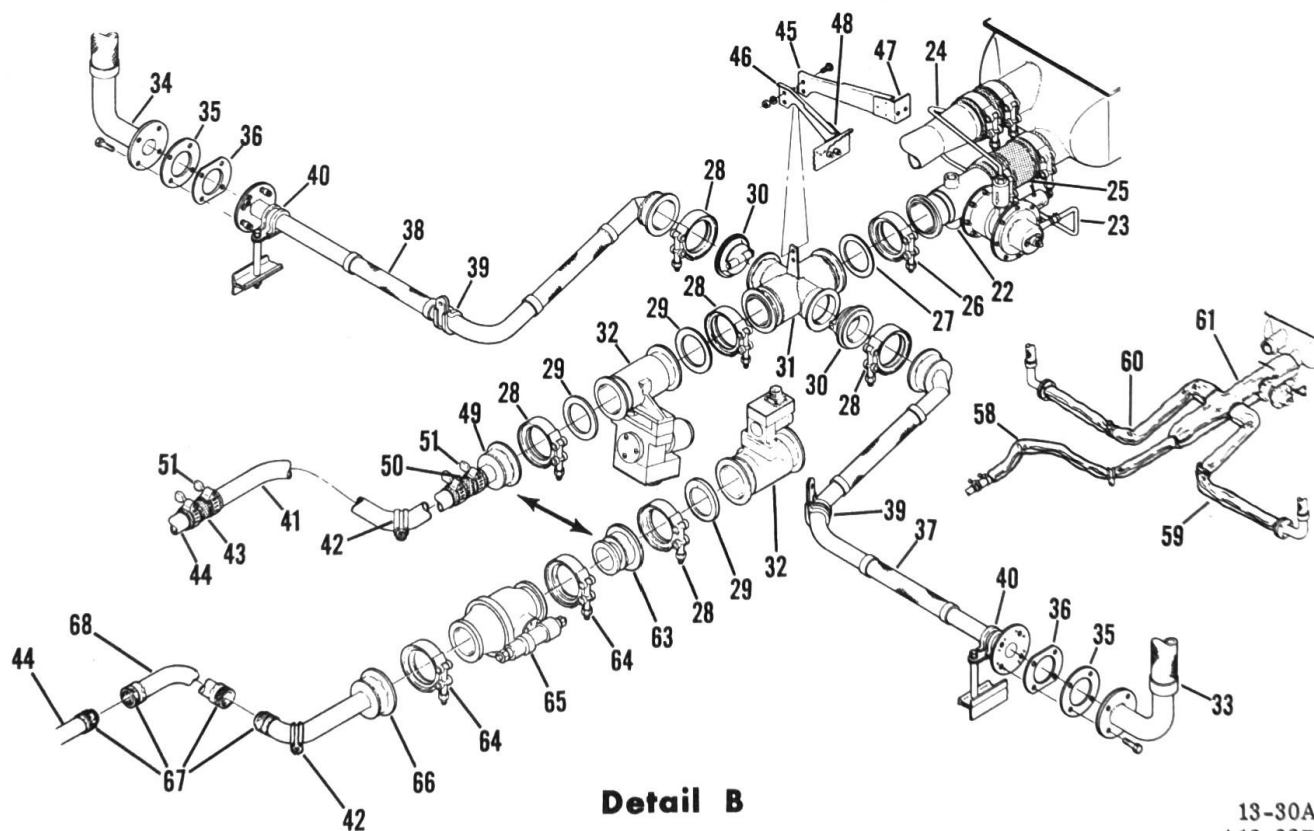


FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
100 -13	NAS430D3-298	A . . . SPACER -----	2	G	
	NAS430D3-293	A . . . SPACER -----	1	G	
-14	AN960D10	A . . . WASHER -----	3	G	
-15	MS20364-1032	A . . . NUT -----	3	G	
-16	A45C-9	. . . SWITCH-CABIN UNDER PRESS ANEROID -----	1	A	
-17	2314071-035	. . . TUBE ASSEMBLY STATIC -----	1	E	
	2314251-068	. . . TUBE ASSEMBLY STATIC -----	1	K	
-18	AN832-4D	. . . UNION -----	1	E	
	AN824-4D	. . . TEE -----	1	F	
	AN833-4D	. . . ELBOW -----	1	G	
	MS28778-4	. . . PACKING-O RING -----	1	A	
	AN924-4D	. . . NUT -----	1	A	
-19	2381277-008	. . . TUBE ASSEMBLY STATIC -----	1	L	
	2381277-010	. . . TUBE ASSEMBLY STATIC -----	1	M	
	2381277-012	. . . TUBE ASSEMBLY STATIC -----	1	N	
	2314251-070	. . . TUBE ASSEMBLY STATIC -----	1	P	
	2314251-104	. . . TUBE ASSEMBLY STATIC -----	1	Q	
-20	AN824-4D	. . . TEE -----	1	G	
	2381277-003	. . . STATIC CAP ASSEMBLY -----	1	P	
	2314071-142	. . . STATIC CAP ASSEMBLY -----	1	Q	
	2381277-014	. . . TAG -----	1	G	
-21	2381277-009	. . . TUBE ASSEMBLY STATIC -----	1	L	
	2381277-011	. . . TUBE ASSEMBLY STATIC -----	1	M	
	2381277-013	. . . TUBE ASSEMBLY STATIC -----	1	N	
	2314071-137	. . . TUBE ASSEMBLY STATIC -----	1	P	
	2314251-102	. . . TUBE ASSEMBLY STATIC -----	1	Q	
-22	2314084-003	. . . BUTTON-STATIC PORT -----	1	A	
		. . . VALVE & PLUMBING INSTL-CABIN ALTITUDE MANUAL CONTROL -----	1	A	
-23	365	. . . VALVE-MANUAL CONTROL -----	1	K	
	AN960-10L	A . . . WASHER -----	2	K	
	AN515B10-7	A . . . SCREW -----	1	K	
-24	2314089-051	. . . GUARD-VALVE LEVER -----	1	K	
-25	AN816-4D	. . . NIPPLE -----	1	K	
	MS28778-4	. . . PACKING-O RING -----	1	K	
-26	AN822-4-4D	. . . ELBOW -----	1	K	
	MS28778-4	. . . PACKING-O RING -----	1	K	
-27	AN6270-4D-0210	. . . HOSE ASSEMBLY -----	2	K	
-28	2314071-102	. . . ORIFICE ASSEMBLY -----	1	K	
	MS28778-4	. . . PACKING-O RING -----	2	K	
-29	2314091-017	. . . TUBE ASSEMBLY -----	1	F	
	2314130-010	. . . TUBE ASSEMBLY -----	1	G	
-30	AN815-4D	. . . UNION -----	1	K	
	MS28778-4	. . . PACKING-O RING -----	2	K	
-31	AN941D4	. . . ELBOW -----	1	K	
-32	20011-4-10W	. . . FILTER -----	1	K	
	MS28778-4	. . . PACKING-O RING -----	2	K	
-33	AN832-4D	. . . UNION -----	1	G	
	MS28778-4	. . . PACKING-O RING -----	1	G	
	AN924-4D	. . . NUT -----	1	G	
		. . . VALVE INSTALLATION-PRESSURE RELIEF -----	1	R	
-34	2380116-001	. . . VALVE ASSEMBLY-PRESSURE RELIEF -----	1	R	
	AN173-4A	A . . . BOLT -----	12	R	
	AN960D10	A . . . WASHER -----	12	R	
	MS20365-1032	A . . . NUT -----	12	R	
		. . . VALVE & PLUMBING INSTL-CABIN SAFETY -----	1	A	
-35	13299-3	. . . VALVE-SAFETY -----	1	S	
	2480011-001	. . . VALVE-SAFETY -----	1	T	
	16299-1	. . . VALVE-SAFETY -----	1	G	
	NAS220-9	A . . . SCREW -----	6	A	
	AN960D8L	A . . . WASHER -----	6	A	
-36	E45C-21	. . . SWITCH-CABIN SAFETY VALVE ANEROID -----	1	A	
-37	2481014-004	. . . TUBE ASSEMBLY STATIC -----	1	A	
-38	AN824-4D	. . . TEE -----	1	A	
-39	2481014-002	. . . TUBE ASSEMBLY STATIC -----	1	A	
-40	2481014-006	. . . TUBE ASSEMBLY STATIC -----	1	A	
-41	AN816-4D	. . . NIPPLE -----	1	A	
-42	AN832-4D	. . . UNION -----	1	A	
	MS28778-4	. . . PACKING-O RING -----	2	A	
	AN924-4D	. . . NUT -----	1	A	
-43	2314253-004	. . . TUBE ASSEMBLY STATIC -----	1	A	
-44	AN815-4D	. . . UNION -----	1	A	
	MS28778-4	. . . PACKING-O RING -----	1	A	
-45	2314084-003	. . . BUTTON-STATIC PORT -----	1	A	
-46	2381283-003	. . . TAG -----	1	A	
-47	SEE FIGURE 41				
	SEE FIGURE 42				
	SEE FIGURE 42A				
		. . . INDICATOR-CABIN RATE OF CLIMB -----	REF	D	
	A 003 & ON				

CONTINUED

A---ATTACHING PARTS

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
100 -		D SEE REF FIGURE FOR USAGE			
		E 003 THRU 029 EXCEPT A/C MOD PER ECR 233, ECR 277 OR ECR 381			
		F 030 & ON EXCEPT A/C MOD PER ECR 233, ECR 230 OR ECR 227			
		G 003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381			
		H 003 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381			
		J SPARE FOR 2314109-002			
		K 030 & ON & A/C MOD PER ECR 233, ECR 277 OR ECR 381			
		L 003 THRU 009 EXCEPT A/C MOD PER ECR 233			
		M 010 THRU 014 EXCEPT A/C MOD PER ECR 233			
		N 015 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381			
		P 003 & ON WHEN MOD PER ECR 233, ECR 230 ECR 227, ECR 277 OR ECR 381 EXCEPT A/C EQUIPPED FOR ICE OPERATION			
		Q 003 & ON WHEN A/C IS EQUIPPED FOR ICE OPERATION			
		R 003 & ON WHEN MOD PER SK23/24-234			
		S 003 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381 OR SK23/24/25-310			
		T 003 & ON WHEN MOD PER SK23/24/25-310 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381			
		A---ATTACHING PARTS			

**Detail A****Detail B**

13-30A-1  
A13-32D  
A13-38B  
B13-33D-2  
B13-33D-1  
B13-38B

Figure 102. Cabin Pressurization and Air Conditioning Components Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
102 -		CABIN PRESSURIZATION & AIR CONDITIONING COMPONENT INSTALLATION			
-1	SEE FIGURE 103	• COMPRESSOR & CONDENSER INSTL -----	1	A	
-1A	SEE FIGURE 104	• PRECOOLER INSTALLATION-BLEED AIR -----	1	A	
-1B	SEE FIGURE 105	• EVAPORATOR INSTALLATION -----	1	A	
-1C	SEE FIGURE 106	• REFRIGERANT PLUMBING INSTALLATION -----	1	A	
-1D	SEE FIGURE 107	• CABIN AIR DISTRIBUTION SYS INSTL -----	1	D	
-1E	SEE FIGURE 107A	• CABIN AIR DISTRIBUTION SYS INSTL -----	1	M	
-1F	SEE FIGURE 139	• SWITCHES-CABIN TEMP CONTROL -----	REF	AA	
	SCEATS-8-70-6	• HOSE -----	1	J	
	SCEATS-8-52-6	• HOSE -----	1	K	
-2	420C75-212-M	A • CLAMP -----	2	A	
-3	2319215-001	• ANGLE-SUPPORT -----	1	A	
	NAS221-5	A • SCREW -----	2	A	
	AN960D10	A • WASHER -----	2	A	
	MS20364-1032	A • NUT -----	2	A	
-4	2319215-002	• ANGLE-SUPPORT -----	1	A	
	NAS221-5	A • SCREW -----	2	A	
	AN960D10	A • WASHER -----	2	A	
	MS20364-1032	A • NUT -----	2	A	
-5	4573-200	• COUPLING -----	1	A	
-6	6600058-003	• VALVE-CHECK USE VENDOR ASSY NO LMC-V-410			
	LMC-V-410	• VALVE-CHECK REF SPEC CONTROL DWG 6600058-003 -----	1	A	
-7	2519201-001	• VENTURI -----	1	A	
-8	SLOOT-10-13	• SLEEVE -----	2	A	
	420C75-275-M	A • CLAMP -----	4	A	
-9	2319210-017	• BRACKET -----	1	B	
-10	MS21919H32	• CLAMP -----	1	A	
	AN3-10A	A • BOLT -----	1	A	
-10A	MS21919H32	• CLAMP -----	1	B	
	MS21919WDG32	• CLAMP -----	1	C	
	AN3-10A	• BOLT -----	1	B	
	AN3-5A	• BOLT -----	1	C	
	MS20365-1032	A • NUT -----	2	A	
-11	2319208-010	• MANIFOLD-BLEED AIR -----	1	B	
	2319208-013	• MANIFOLD-BLEED AIR WHEN EXHAUSTED USE 2319208-015 -----	1	M	
	2319208-015	• MANIFOLD-BLEED AIR -----	1	G	
-12	2319210-007	• TUBE-CABIN AIR SUPPLY LH -----	1	B	
	2381328-005	• TUBE-CABIN AIR SUPPLY LH -----	1	C	
-13	2319210-008	• TUBE-CABIN AIR SUPPLY RH -----	1	B	
	2381328-006	• TUBE ASSEMBLY-CABIN AIR SUPPLY RH -----	1	C	
-14	SLOOT-8-13	• SLEEVE -----	2	A	
	420C75-212-M	A • CLAMP -----	2	A	
-14A	SLOOT-8-13	• SLEEVE -----	2	B	
	SLOOT-10-11	• SLEEVE -----	2	C	
	420C75-212-M	A • CLAMP -----	2	B	
	WWD91	A • CLAMP -----	2	C	
-15	MS21919H32	• CLAMP -----	2	A	
	NAS221-5	A • SCREW -----	2	A	
	AN960D10	A • WASHER -----	2	A	
	MS20364-1032	A • NUT -----	2	A	
-16	2319210-004	• SUPPORT-LH -----	1	A	
-17	2319210-005	• SUPPORT-RH -----	1	A	
-18	2319210-018	• BRACKET -----	1	A	
-19	2319209-001	• FLANGE ASSY -----	1	A	
	AN3-5A	A • BOLT -----	1	A	
	AN960D10	A • WASHER -----	1	A	
	MS20365-1032	A • NUT -----	1	A	
-20	SEE FIGURE 107	• TUBE ASSEMBLY-CABIN AIR SUPPLY LH -----	REF	AA	
-21	SEE FIGURE 107A	• TUBE ASSEMBLY-CABIN AIR SUPPLY RH -----	REF	AA	
-22	2380156-008	• VALVE ASSY-BLEED AIR CONTROL WHEN EXHAUSTED USE 6608067-003 -----	1	A	
	6608067-003	• VALVE ASSY-BLEED AIR CONTROL USE VENDOR ASSY NO D26D64-10 -----			
	D26D64-10	• VALVE ASSY-BLEED AIR CONTROL REF SPEC CONTROL DWG 6608067-003 ALT FOR 2380156-008 -----	1	A	
-23	2319210-025	• TUBE -----	1	A	
	SLOIT-1	A • HOSE SEE NOTE 1 -----	2	A	
	A5.5	A • CLAMP -----	4	A	
-24	2319210-023	• TUBE ASSEMBLY -----	1	A	
	SLOIT-1	A • HOSE SEE NOTE 1 -----	1	A	
	A5.5	A • CLAMP -----	2	A	
-25	SLOOT-10-13	• SLEEVE -----	1	A	
	420C75-275-M	A • CLAMP -----	2	A	
-26	4573-250	• COUPLING -----	1	A	
		CONTINUED			
		A---ATTACHING PARTS			

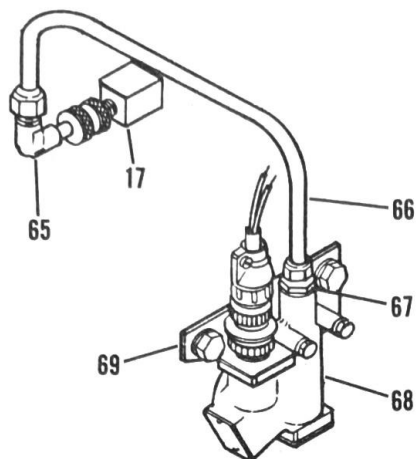
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
102 -27	2319116-004	• GASKET -----	1	A	
-28	4573-200	• COUPLING -----	4	A	
-29	2319116-002	• GASKET -----	2	A	
-30	6600058-003	• VALVE-CHECK USE VENDOR ASSY NO LMC-V-410			
	LMC-V-410	• VALVE-CHECK REF SPEC CONTROL DWG 6600058-003	2	A	
-31	2319207-6	• MANIFOLD ASSEMBLY -----	1	P	
	2319207-012	• MANIFOLD ASSEMBLY -----	1	Q	
	2481039-050	• MANIFOLD ASSEMBLY -----	1	AF	
	NAS220-9	A • SCREW -----	2	A	
	AN960D8	A • WASHER -----	2	A	
	MS20364-832	A • NUT -----	2	A	
-32	BYL88958	• VALVE-DEFOG B30 -----	1	A	
	32-2867-003	• VALVE-DEFOG ALT FOR BYL88958	1	A	
-33	2351049-011	* • TUBE ASSEMBLY-BLEED AIR LH -----	1	R	
	2351049-015	* • TUBE ASSEMBLY-BLEED AIR LH -----	1	S	
	2352015-491-1	* • TUBE ASSEMBLY-BLEED AIR LH -----	1	T	
	2351062-001	* • TUBE ASSEMBLY-BLEED AIR LH -----	1	U	
	2351062-009	* • TUBE ASSEMBLY-BLEED AIR LH -----	1	V	
	2351062-013	• TUBE ASSEMBLY-BLEED AIR LH -----	1	W	
	2351062-019	• TUBE ASSEMBLY-BLEED AIR LH -----	1	AB	
	2452010-005	• TUBE ASSEMBLY-BLEED AIR LH -----	1	AC	
-34	2351049-012	* • TUBE ASSEMBLY-BLEED AIR RH -----	1	R	
	2351049-016	* • TUBE ASSEMBLY-BLEED AIR RH -----	1	S	
	2352015-491-2	* • TUBE ASSEMBLY-BLEED AIR RH -----	1	T	
	2351062-002	* • TUBE ASSEMBLY-BLEED AIR RH -----	1	U	
	2351062-010	* • TUBE ASSEMBLY-BLEED AIR RH -----	1	V	
	2351062-014	• TUBE ASSEMBLY-BLEED AIR RH -----	1	W	
	2351062-020	• TUBE ASSEMBLY-BLEED AIR RH -----	1	AB	
	2452010-004	• TUBE ASSEMBLY-BLEED AIR RH -----	1	AC	
	AN3-7A	A • BOLT -----	4	D	
	AN3C7A	A • BOLT -----	4	M	
	AN3C11A	A • BOLT -----	2	M	
	AN960C10	A • WASHER -----	6	M	
-34A	SEE FIGURE 51	• TUBE ASSY-BLEED AIR ENGINE -----	REF	AA	
-35	SEE FIGURE 52	• GASKET-EXTERNAL -----	2	B	
	2352000-033	• GASKET-INTERNAL -----	2	C	
-36	2452012-001	• GASKET-INTERNAL -----	2	B	
	2352000-034	• GASKET-EXTERNAL -----	2	C	
-37	2452012-002	• HOSE ASSEMBLY-BLEED AIR LH -----	1	B	
	2319212-011	• HOSE ASSEMBLY-BLEED AIR LH -----	1	AD	
	2319212-015	• TUBE ASSY-BLEED AIR LH AT PYLON -----	1	AC	
	2419212-001	• TUBE-BLEED AIR LH -----	1	AC	
	3605-20D	• COUPLING-BLEED AIR TUBE LH -----	2	AC	
	2-2185455-7	• O RING -----	4	AC	
	2419212-003	• TUBE ASSEMBLY-BLEED AIR LH AT MANIFOLD -----	1	AC	
-38	2319212-012	• HOSE ASSEMBLY-BLEED AIR RH -----	1	B	
	2319212-016	• HOSE ASSEMBLY-BLEED AIR RH -----	1	AD	
	2419212-002	• TUBE ASSY-BLEED AIR RH AT PYLON -----	1	AC	
	2419212-011	• TUBE-BLEED AIR RH -----	1	AC	
	3605-20D	• COUPLING-BLEED AIR TUBE RH -----	2	AC	
	2-2185455-7	• O RING -----	4	AC	
	2419212-003	• TUBE ASSY-BLEED AIR RH AT MANIFOLD -----	1	AC	
-39	MS21919H16	• CLAMP -----	2	A	
	NAS221-5	A • SCREW -----	2	A	
	AN960D10	A • WASHER -----	2	A	
	MS20364-1032	A • NUT -----	2	A	
-40	MS21919H16	• CLAMP -----	2	A	
	AN3-10A	A • BOLT -----	2	A	
	AN960D10	A • WASHER -----	4	A	
	NAS43DD3-60	A • SPACER -----	2	A	
	MS20365-1032	A • NUT -----	2	A	
-41	2319210-015	• TUBE ASSEMBLY-DEFOG -----	1	H	
	2381328-003	• TUBE ASSEMBLY-DEFOG -----	1	F	
	2481006-009	• TUBE ASSEMBLY-DEFOG -----	1	E	
-42	MS21919H16	• CLAMP -----	1	A	
	NAS221-8	A • SCREW -----	1	A	
	AN960D10	A • WASHER -----	1	A	
	MS20364-1032	A • NUT -----	1	A	
-43	SLOOT-4-13	• SLEEVE -----	1	AE	
	WWD46	A • CLAMP -----	2	AE	
-44	SEE FIGURE 107	• TUBE-DEFOG -----	REF	AA	
	SEE FIGURE 107A	• GUSSET-MANIFOLD ASSEMBLY SUPPORT -----	1	A	
-45	2319217-003	• GUSSET-MANIFOLD ASSEMBLY SUPPORT -----	1	A	
-46	2319217-004	• SUPPORT ANGLE-AFT -----	1	A	
-47	2319217-001	• SUPPORT ANGLE-FWD -----	1	A	
-48	2319217-002	CONTINUED			
		A---ATTACHING PARTS			



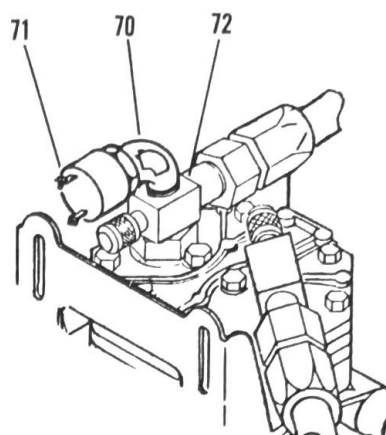
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
102 -	NAS220-9	A . SCREW -----	2	A	
	AN960D8L	A . WASHER -----	2	A	
	MS20364-832	A . NUT -----	2	A	
-49	2319144-006	. FLANGE ASSEMBLY -----	1	AE	
-50	SLOOT-4-13	. SLEEVE -----	1	AE	
-51	WWD46	A . CLAMP -----	2	AE	
-52	2319210-021	. PLATE -----	1	A	
	AN515C6-10	A . SCREW -----	4	A	
	2319210-022	A . GASKET -----	1	A	
-53	FYLD8952	. THERMOSTAT TSW1 FOR SPARES ORDER 6608065-001 -----	1	A	
	2C3D4-1-S-350	. THERMOSTAT ALT FOR FYLD8952 FOR SPARES ORDER 6608065-001 -----	1	A	
	6608065-001	. THERMOSTAT TSW1 -----	1	X	
-54	MS28034-1	. BULB-TEMP SENSOR MT70 -----	1	A	
-55	LMC9L65-4	. JACKET-CABIN AIR SUPPLY TUBE LH WHEN EXHAUSTED USE LMC15L68-11 -----	1	AD	
	LMC15L68-11	. JACKET-CABIN AIR SUPPLY TUBE LH -----	1	AC	
-56	LMC9L65-3	. JACKET-CABIN AIR SUPPLY TUBE RH WHEN EXHAUSTED USE LMC15L68-3 -----	1	AD	
	LMC15L68-3	. JACKET-CABIN AIR SUPPLY TUBE RH -----	1	AC	
-57	LMC9L65-5	. JACKET-CABIN AIR SUPPLY MANIFOLD WHEN EXHAUSTED USE LMC15L68-5 -----	1	AD	
	LMC15L68-5	. JACKET-CABIN AIR SUPPLY MANIFOLD -----	1	AC	
-58	LMC9L65-8	. JACKET-BLEED AIR SUPPLY TUBE WHEN EXHAUSTED USE LMC15L68-8 -----	1	AD	
	LMC15L68-8	. JACKET-BLEED AIR SUPPLY TUBE -----	1	AC	
-59	LMC9L65-7	. JACKET-BLEED AIR TUBE LH WHEN EXHAUSTED USE LMC15L68-7 -----	1	AD	
	LMC15L68-7	. JACKET-BLEED AIR TUBE LH -----	1	AC	
-60	LMC9L65-6	. JACKET-BLEED AIR TUBE RH WHEN EXHAUSTED USE LMC15L68-6 -----	1	AD	
	LMC15L68-6	. JACKET-BLEED AIR TUBE RH -----	1	AC	
-61	LMC9L65-9	. JACKET-BLEED AIR MANIFOLD -----	1	AD	
	LMC15L68-9	. JACKET-BLEED AIR MANIFOLD FWD -----	1	AC	
	LMC15L68-10	. JACKET-BLEED AIR MANIFOLD AFT -----	1	AC	
-62	2481006-004	. FLANGE ASSEMBLY -----	1	Y	
	24346-300-A	A . GASKET -----	1	Y	
	18276-300	A . COUPLING -----	1	Y	
	2481006-010	. TUBE ASSEMBLY -----	1	Z	
	SLOOT-12-13	A . SLEEVE -----	1	Z	
	420C75-325-M	A . CLAMP -----	2	Z	
-63	2319210-030	. ADAPTER -----	1	AC	
-64	24540-150	. COUPLING -----	2	AC	
-65	223355	. VALVE-DEFOG REGULATING -----	1	AC	
-66	2319210-034	. ADAPTER -----	1	AC	
-67	3605-20D	. COUPLING -----	2	AC	
	67353-125	. COUPLING ALT FOR 3605-20D -----	2	AC	
	MS9068-218	. PACKING -----	4	AC	
-68	2319210-029	. TUBE-DEFOG -----	1	AC	
		* FOR SPARES MOD PER SK23-145			
		+ 2319210-021 PLATE & 2319210-022 GASKET NOT USED WITH 2319208-015 ASSEMBLY			
	NOTE 1	LENGTH TO BE DETERMINED ON INSTL			
	A	003 & ON			
	B	080 & ON EXCEPT A/C MOD PER ECR 227			
	C	003 THRU 079 & A/C MOD PER ECR 227			
	D	003 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381			
	E	003 THRU 034 EXCEPT A/C EQUIPPED FOR ICE OPERATION			
	F	003 THRU 034 WHEN MOD PER ECR 233 ECR 277 OR ECR 381			
	G	003 THRU 079 & SPARE FOR 2319208-013			
	H	035 & ON			
	J	080 & ON & A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381			
	K	003 THRU 079 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381			
	M	003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381			
	P	003 & ON WHEN EQUIPPED WITH JANITROL WING ANTI-ICE CONTROL VALVE			
	Q	003 & ON WHEN EQUIPPED WITH WHITTAKER WING ANTI-ICE CONTROL VALVE EXCEPT 060 CONTINUED			
		A---ATTACHING PARTS			



444-445

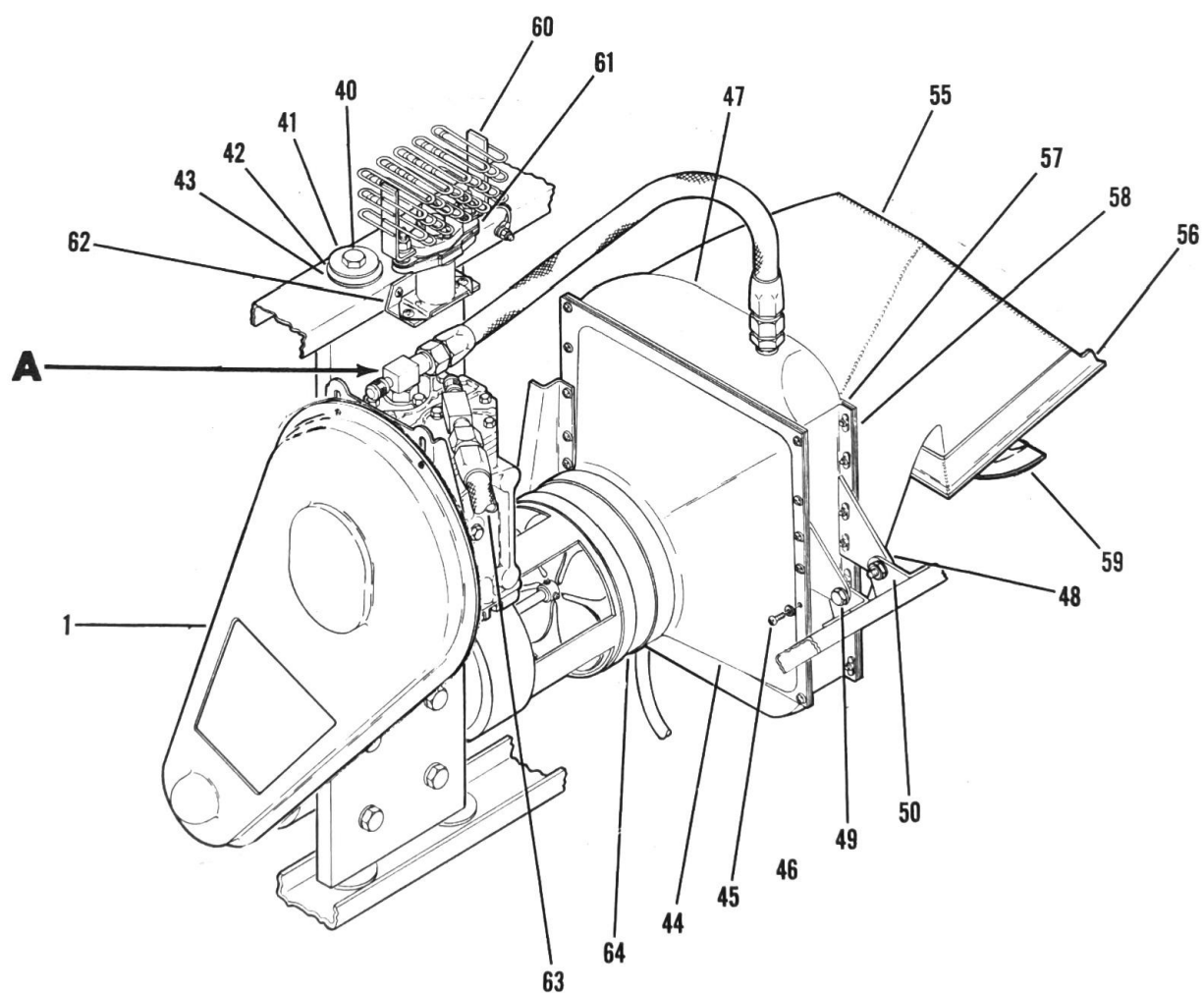


### Configuration A



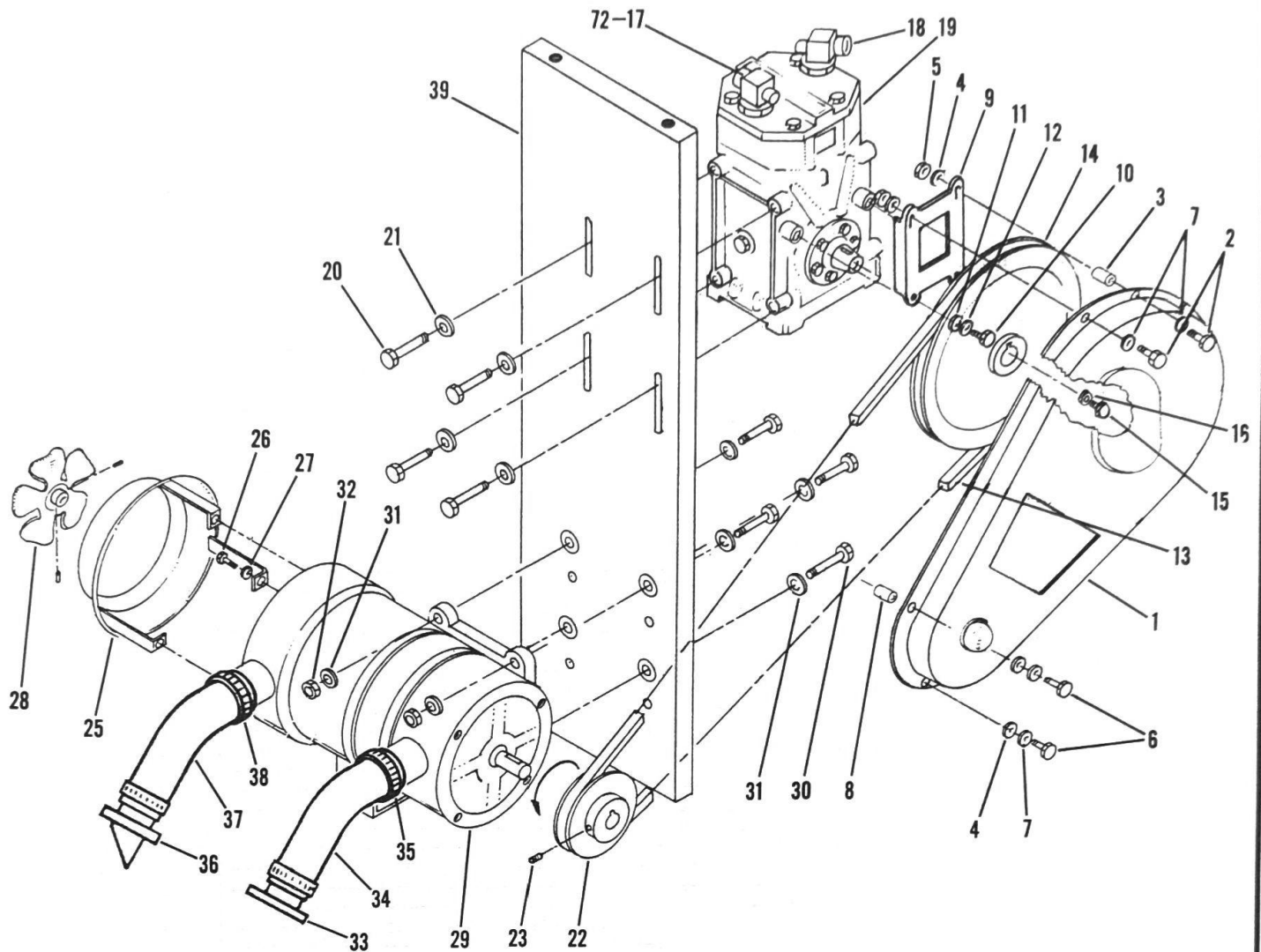
### Configuration B

### Detail A



13-11D-1  
13-11B-5  
A13-37A-2  
A13-88A

Figure 103. Compressor & Condenser Installation (Sheet 1 of 2)



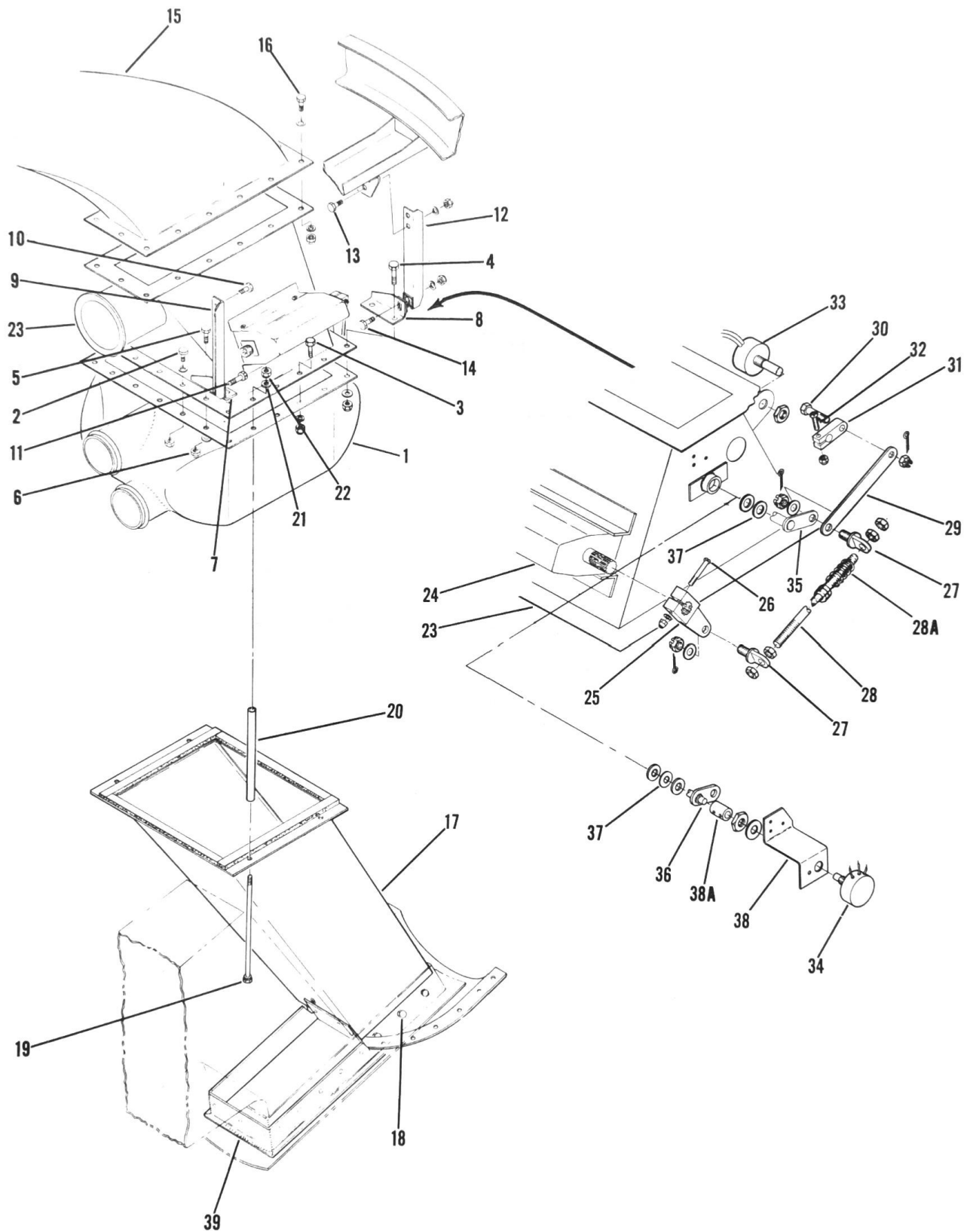
13-11B-5

Figure 103. Compressor &amp; Condenser Installation (Sheet 2 of 2)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				1 2 3 4 5 6 7	THRU
103 -		COMPRESSOR & CONDENSER INSTALLATION			
		• MOTOR & COMPRESSOR ASSY -----	1		
		• • GUARD INSTALLATION-COMPRESSOR BELT -----	1		A
		• • • GUARD-BELT -----	1		A
-1	60R201	A • • • SCREW -----	2		A
-2	AN520-10R16	A • • • SPACER -----	2		A
-3	NAS43DD3-40	A • • • WASHER -----	12		A
-4	AN960-10L	A • • • NUT -----	2		A
-5	MS20364-1032	A • • • SCREW -----	2		A
-6	AN520-10R14	A • • • WASHER-LOCK SPLIT -----	4		A
-7	AN935-10L	A • • • SPACER -----	2		A
-8	NAS43DD3-30	A • • • BRACKET-BELT GUARD -----	1		A
-9	62C202	A • • • SCREW -----	2		A
-10	AN515-416R8	A • • • WASHER -----	2		A
-11	AN960-416L	A • • • WASHER-LOCK SPLIT -----	2		A
-12	AN935-416L	A • • • V-BELT -----	1		A
-13	3V425	• • SHEAVE-COMPRESSOR -----	1		
-14	2419207-001	A • • BOLT -----	1		
-15	M4DS524-24C	A • • WASHER-FLAT -----	1		
-16	87R173-15	• • VALVE-SERVICE -----	1		Q
-17	27570	• • VALVE-SERVICE -----	1		
-18	27571	• • COMPRESSOR WHEN EXHAUSTED -----	1		
-19	2380155-003	• • COMPRESSOR ALT FOR 2380155-003 -----	1		
	2380155-005	A • • BOLT -----	4		
-20	AN6-12A	A • • WASHER-FLAT -----	4		
-21	87R173-37	CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
103 -22	68C085	. . SHEAVE-MOTOR GENERATOR -----	1		
-23	AN565D416H6	A . . SCREW-SET -----	1		
	MS51963-67	A . . LUG-TERMINAL -----	2		
-25	87D209	. . SHROUD-FAN ASSY -----	1		
-26	AN500A8-8	A . . SCREW -----	3		
-27	AN960-8	A . . WASHER-FLAT -----	3		
-28	6608059-002	. . FAN-CONDENSOR -----	1		
-29	94R082-03	. . MOTOR-COMPRESSOR -----	1		
	MS25083-1886	A . . JUMPER-BONDING -----	1	090	
-30	AN6-15A	A . . BOLT-MACHINE -----	4		
-31	AN960-616L	A . . WASHER-FLAT -----	4		
-32	MS20364-624	A . . NUT-SELF LOCKING -----	4		
-33	2319114-001	. . FLANGE ASSY -----	1		
-34	CEETS-8-92-6	. . HOSE -----	1		
-35	WWD74	A . . CLAMP -----	2		
-36	2319114-004	. . FLANGE ASSY -----	1		
-37	CEETS-8-84-6	. . HOSE -----	1		
-38	WWD74	A . . CLAMP -----	2		
-39	63R081	. . PANEL ASSEMBLY -----	1	F	
	63R193	. . PANEL ASSEMBLY -----	1	G	
-40	AN6-16A	A . . BOLT -----	4		
-41	J-2049-3D	A . . WASHER-SNUBBING -----	8		
	2419213-001	A . . WASHER-SNUBBING ALTERNATE FOR J-2049-3D -----	8		
-42	206PDL-20	. . MOUNT-SHOCK -----	4		
	2380088-001	. . MOUNT-SHOCK ALTERNATE FOR 206PDL-20 -----	4		
	AN3-5A	A . . BOLT -----	8		
	AN960D10	A . . WASHER -----	8		
	MS20364-1032	A . . NUT -----	8		
-43	J-3016-1	. . COLLAR-SNUBBING -----	4		
-44	76D086	. . TRANSITION ASSY -----	1	H	
	87D208	. . TRANSITION ASSY -----	1	J	
-45	NAS221-11	A . . SCREW -----	14		
-46	AN960D10L	A . . WASHER -----	14		
	76D162	. . TRANSITION -----	1	H	
	76D204	. . TRANSITION -----	1	J	
	87D086-1	. . GASKET -----	1	H	
	87D208-3	. . GASKET -----	1	J	
	87D172	. . SPACER ASSY -----	1		
-47	6608061-001	. . CONDENSER ASSY -----	1		
	5E560-000	. . CONDENSER ASSY ALT FOR 6608061-001 -----	1		
-48	2319134-001	. . PLATE ASSEMBLY-FORWARD -----	1		
	2319134-002	. . PLATE ASSEMBLY-AFT -----	1		
-49	AN3-4A	. . BOLT -----	2		
	AN960D10L	. . WASHER -----	2		
	MS20364-1032	. . NUT -----	2		
-50	2319135-001	. . ANGLE-SUPPORT -----	2		
-55	2319140-026	. . DUCT ASSEMBLY-CONDENSER EXHAUST -----	1		
	NAS221-11	A . . SCREW -----	14		
	AN960D10L	A . . WASHER -----	14		
-56	2319140-031	. . SEAL-CONDENSER EXHAUST DUCT -----	1		
-57	2319140-011	. . SEAL-UPPER & LOWER -----	2		
-58	2319140-012	. . SEAL-LH & RH -----	2		
-59	2319218-007	. . FAIRING -----	1		
		. . LIMITER INSTALLATION-REFRIGERANT MOTOR CURRENT -----	1	M	
-60	2318015-001	. . SHUNT-REFRIGERANT MTR CURRENT LIMIT -----	1	M	
-61	S-400-3	. . RELAY-REFRIGERANT MTR CURRENT LIMIT -----	1	M	
	AN520-10R8	A . . SCREW -----	2	M	
-62	2358102-007	. . BRACKET ASSEMBLY -----	1	M	
	AN520-10R8	A . . SCREW -----	2	M	
	MS20365-1032	A . . NUT -----	2	N	
-63	SEE FIGURE 106	. . PLUMBING INSTALLATION-REFRIGERANT -----	REF		
-64	WAATS32-24-8	. . SEAL -----	1		
	WWD256	A . . CLAMP -----	2		
	CONFIGURATION A	. . REFRIGERANT PRESSURE SWITCH INSTL -----	1	P	
-65	4615-S4	. . ELBOW -----	1	P	
-66	2381359-002	. . TUBE ASSY -----	1	P	
-67		. . CONNECTING PARTS -----			
	AN815-4D	. . . UNION -----	1	P	
	2-11C147-7	. . . SEAL-O RING -----	1	P	
-68	2380145-001	. . SWITCH ASSY-REFRIGERANT PRESSURE FOR SPARES ORDER 20PS68-5 SWITCH AN914-1D ELBOW, 2380161-001 ADAPTER & 24591 ADAPTER SEAL -----	1	P	
	AN3-16A	A . . BOLT -----	2	P	
	AN960PD10	A . . WASHER -----	2	P	
-69	2380157-003	. . BRACKET ASSY -----	1	P	
	MS20074-06-05	A . . BOLT -----	2	P	
	AN936A616	A . . WASHER -----	2	P	
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION  1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
103 - -70 -71 -72	CONFIGURATION B AN914-1D 20PS68-5 2380161-001 24591	• REFRIGERANT PRESSURE SWITCH INSTL -----	1		R
		• • ELBOW -----	1		R
		• • SWITCH-REFRIGERANT PRESSURE -----	1		R
		• • ADAPTER-SERVICE VALVE -----	1		R
		• • SEAL-ADAPTER -----	1		R
A F G H J M N P Q R		058 & 061 & ON & A/C MOD PER SK23-146			
		003 THRU 028 & 029 THRU 035 EXCEPT A/C			
		MOD PER ECR 233, ECR 277 OR ECR 381			
		028A & 036 & ON & A/C MOD PER ECR 233			
		ECR 277 OR ECR 381			
		003 THRU 028 & 029 THRU 035			
		028A & 036 & ON			
		070 & ON & A/C MOD PER SK23-166B			
		005 THRU 069 WHEN MOD PER SK23-166B			
		003 & ON WHEN MOD PER SK23/24-275 EXCEPT			
A/C WITH CONFIGURATION B SWITCH					
INSTALLED					
Q 003 & ON EXCEPT A/C MOD PER AAK73-10 OR					
WHEN CONFIGURATION B SWITCH IS INSTALLED					
R 003 & ON WHEN MOD PER AAK73-10 OR WHEN					
CONFIGURATION B SWITCH IS INSTALLED					
A---ATTACHING PARTS					



13-12C  
13-2CC  
13-12C-1

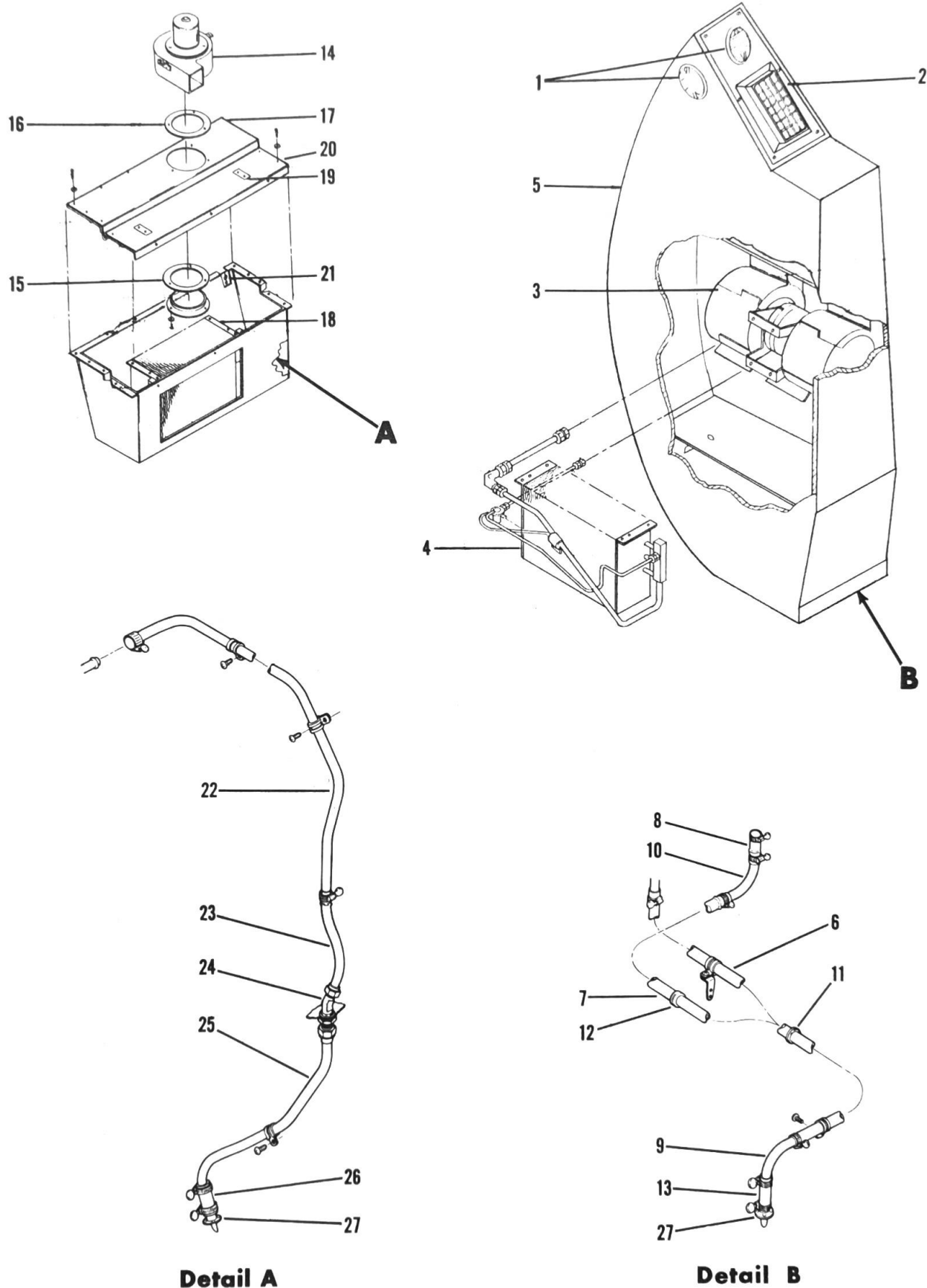
Figure 104. Bleed Air Precooler Installation



MODEL 23

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
104 -		BLEED AIR PRECOOLER INSTALLATION			
-1	6608060-001 5E570-001	• PRECOOLER ASSEMBLY ----- • PRECOOLER ASSEMBLY ALT FOR 6608060-001 -----	1 1		
-2	AN3DD4A AN960D10L MS20364D1032	A • BOLT FWD & AFT ATTACH ----- A • WASHER ----- A • NUT -----	6 6 6		
-3	AN3DD4A AN960D10L MS20364D1032	A • BOLT LH & RH SIDE ATTACH ----- A • WASHER ----- A • NUT -----	AR AR AR		
-4	AN3DD5A AN960D10 MS20364D1032	A • BOLT ----- A • WASHER ----- A • NUT -----	4 4 4		
-5	AN3DD5A AN960D10 MS20364D1032	A • BOLT ----- A • WASHER ----- A • NUT -----	4 4 4		
-6	2319115-007 2319115-014 2319115-008	• ANGLE-SUPPORT LH FWD & RH AFT ----- • ANGLE ASSY-SUPPORT LH FWD & RH AFT ----- • ANGLE-SUPPORT RH FWD & LH AFT -----	2 2 2	025	024
-8	2319115-015 2319115-005 2319115-037 2319115-035	• ANGLE ASSY-SUPPORT RH FWD & LH AFT ----- • ANGLE-SUPPORT LH FWD & RH AFT ----- • ANGLE ASSY-SUPPORT LH FWD ----- • ANGLE ASSY-SUPPORT RH FWD -----	2 2 1 1	025 025	024 024
-9	NAS220-9 AN960D8 MS20364-832	A • SCREW ----- A • WASHER ----- A • NUT -----	2 4 2		024 024 024
-10	AN3DD4A AN960D10 MS20364D1032	A • BOLT ----- A • WASHER ----- A • NUT -----	2 2 2	025 025 025	
-11	2319115-005 2319115-038 2319115-036	• ANGLE-SUPPORT RH FWD & LH AFT ----- • ANGLE ASSY-SUPPORT LH AFT ----- • ANGLE ASSY-SUPPORT RH AFT -----	2 1 1	025 025	024
-12	NAS220-9 AN960D8 MS20364-832	A • SCREW ----- A • WASHER ----- A • NUT -----	2 2 2		024 024 024
-13	AN3DD4A AN960D10 MS20364D1032	A • BOLT ----- A • WASHER ----- A • NUT -----	2 2 2	025 025 025	
-14	SEE FIGURE 10 AN3DD4A AN960D10 MS20364D1032	• DUCT ASSEMBLY-DORSAL AIR INTAKE ----- • BOLT ----- • WASHER ----- • NUT -----	REF 14 14 14		
-15	2319115-021 AN3-4A AN3-63A	• DUCT ASSEMBLY-PRECOOLER EXHAUST ----- A • BOLT ----- A • BOLT ----- A • SEAL -----	1 6 4 2	A A A A	
-16	2319115-027 2319115-028 NAS43DD3-370	A • SEAL ----- A • SPACER ----- A • WASHER -----	2 4 10	A A A	
-17	AN960D10 AN960D10L MS20364-1032	A • WASHER ----- A • WASHER ----- A • NUT -----	2 2 12	A A A	
-18	NAS221-9	A • SCREW -----	2	A	
-19	2319183-014 2319183-016 2319183-020	• FLOW CONTROL ASSY-HEAT EXCHANGER ----- • BOX ASSEMBLY-FLOW CONTROL ----- • BOX ASSEMBLY-FLOW CONTROL ----- • BOX ASSEMBLY-FLOW CONTROL -----	1 1 1 1	B 080 C	
-20	860106	• ACTUATOR ASSY-FLOW BOX CONTROL B9 -----	1	D	
-21	2380072-009 2380072-021 2380072-031	• ACTUATOR ASSY-FLOW BOX CONTROL B9 ----- • ACTUATOR ASSY-FLOW BOX CONTROL B9 ----- • ACTUATOR ASSY-FLOW BOX CONTROL B9 -----	1 1 1	E F G	
-22	2319124-003	• LEVER -----	1		
-23	AN515-6R16 AN960-6L MS20365-632	A • SCREW ----- A • WASHER ----- A • NUT -----	1 1 1		
-24	2319158-004 AN960-416L AN310-4	• BOLT-EYE ----- A • WASHER ----- A • NUT -----	2 2 2		
-25	MS24665-134	A • PIN-COTTER -----	2		
-26	2319182-001 2319182-005 NAS509-4	• ROD-PUSH ----- • ROD-PUSH ----- • NUT -----	1 1 1	H Q	
-27	6600104-002 2381144-012 2319188-005	• SPRING-COMPRESSION ----- • LINK-VARIABLE RESISTOR ----- • LINK-VARIABLE RESISTOR -----	AR 1 1	M J K	
-28	AN3-6 AN960-10L AN310-3	A • BOLT ----- A • WASHER ----- A • NUT -----	1 1 1	L L L	
-29	MS24665-151 2381144-008 2319188-004	A • PIN-COTTER ----- • LEVER-VARIABLE RESISTOR ----- • LEVER-VARIABLE RESISTOR -----	1 1 1	L J K	
-30		CONTINUED			
-31		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
104 -32	AN515-6R10	A . . SCREW -----	1	L	
	MS20365-632	A . . NUT -----	1	L	
-33	PM6971	. . RESISTOR-VARIABLE 500 OHM -----	1	L	
	1220A	A . . WASHER-LOCK -----	1	L	
	45T-1	A . . NUT -----	1	L	
-34	2319188-011	. . RESISTOR-VARIABLE -----	1	M	
	JJ96598	. . RESISTOR-VARIABLE -----	1	T	
-35	2319185-001	. . LEVER ASSEMBLY -----	1	P	
-36	2319185-004	. . LEVER ASSEMBLY -----	1	Q	
	2319185-006	. . LEVER ASSEMBLY -----	1		
-37	AN960-516	. . WASHER -----	AR		
-38	2319188-010	. . BRACKET -----	1	M	
	2319189-001	. . DAMPER-FLOW CONTROL -----	1	S	
	2319189-002	. . DAMPER-FLOW CONTROL -----	1	Q	
-38A	C-3	. . COUPLER -----	1	M	
	NAS561-3-7	. . PIN-SPRING -----	2	Q	
-39	SEE FIGURE 103	. WELD ASSEMBLY-HEAT EXHAUST -----	REF		
		A 050 & ON & A/C MOD PER SK23-144 EXCEPT A/C MOD PER SK23/24/25-310			
		B 003 THRU 079 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381			
		C 003 THRU 079 WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381			
		D 003 THRU 039 EXCEPT A/C MOD PER ECR 233 ECR 277 OR ECR 381			
		E 040 THRU 069 & A/C MOD PER ECR 233, ECR 227, ECR 277, ECR 381 OR SK23-203			
		F 070 THRU 089 EXCEPT A/C MOD PER ECR 227 OR SK23-203			
		G 090 & ON EXCEPT A/C MOD PER SK23-203			
		H 003 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381 OR SK23/24-213			
		J 003 THRU 049 WHEN MOD PER SK23-98B EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 277, ECR 381 OR SK23/24-213			
		K 050 THRU 069 EXCEPT A/C MOD PER ECR 230 OR SK23/24-213			
		L 003 THRU 069 EXCEPT A/C MOD PER ECR 233 ECR 230, ECR 277, ECR 381 OR SK23/24-213			
		M 070 & ON & A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 381 OR SK23/24-213 EXCEPT A/C MOD PER AAK71-5			
		P 070 & ON EXCEPT A/C MOD PER ECR 227 OR SK23/24-213			
		Q 003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381 OR SK23/24-213			
		S 004 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381 OR SK23/24-213			
		T 003 & ON WHEN MOD PER AAK71-5			
		A---ATTACHING PARTS			



13-11A-7  
 13-11A-6  
 A13-16C  
 B13-16C

Figure 105. Evaporator Installation (Air Conditioner)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
105 -		EVAPORATOR INSTALLATION AIR COND			
	87R146-03	• SERVICE COMPARTMENT ASSEMBLY LH	1	005	014
	87R146-04	• SERVICE COMPARTMENT ASSEMBLY LH	1	A	
	87R146-06	• SERVICE COMPARTMENT ASSEMBLY LH	1	B	
-1	87R146-23	• LOUVER-ROUND	2		
-2	87C249	• GRILLE ASSEMBLY-OUTLET	1		
	87R146-03-13	A • SCREW-WOOD NO. 8X3/8 STEEL	6		
	MS16562-31	• PIN-ROLL	1		
	62C250	• FRAME-GRILL	1		
	87C139-4	• LOUVER-SHUTTER TYPE	1		
	87R146-3	• LOUVER-ROUND	1		
	64B130	• SPRING	2		
-3	2380166-001	• BLOWER ASSEMBLY	1		
	AN737TW107	A • CLAMP	2		
	AN515-8R14	A • SCREW	2		
-4	87D145-02	• EVAPORATOR ASSEMBLY EV2	1		
	AN509-8-9	A • SCREW	4		
	87C263	• BRACKET ASSY-EVAPORATOR MOUNT	2		
	AN520-10R7	A • SCREW	2		
	AN515-8R14	A • SCREW	2		
	AN960-10L	A • WASHER	2		
	AN936B10	A • LOCKWASHER	2		
-5	83R253	• SERVICE COMPARTMENT LH	1		
		• DRAIN LINE INSTALLATION-SERVICE COMPT	1		
-6	2319065-002	• TUBE-DRAIN	1	005	005
-7	2319065-006	• TUBE-DRAIN	1	C	
-8	2319065-005	• SLEEVE	1	C	
-9	2319065-003	• ELBOW	1		
-10	2319065-003	• ELBOW	1	C	
-11	NAS557-10B	• GROMMET	1	005	005
-12	NAS557-10B	• GROMMET	1	C	
-13	87B168	• VALVE ASSEMBLY-DRAIN	1		
	87B160	• EVAPORATOR ASSEMBLY-BAGGAGE COMPT	1	005	005
-14	87R142-4	• BLOWER ASSEMBLY	1	005	005
-15	80B094	• SEAL	1	005	005
	87C127	• TOP ASSEMBLY-BACK	1	005	005
	AN515-6R6	A • SCREW	9	005	005
	AN960-6L	A • WASHER	9	005	005
-16	80B094	• SEAL	1	005	005
-17	87C127-3	• TOP	1	005	005
-18	87D145	• EVAPORATOR ASSEMBLY EV2	1	005	005
-19	81B095	• SEAL	1	005	005
-20	87C128	• TOP ASSEMBLY-FRONT	1	005	005
	AN515-6R6	A • SCREW	6	005	005
	AN960-6L	A • WASHER	6	005	005
-21	81B192	• SEAL	1	005	005
		• DRAIN LINE INSTALLATION-BAGGAGE COMPT	1	005	005
-22	2319066-007	• TUBE-FLEX DRAIN	1	005	005
-23	2319066-008	• TUBE ASSEMBLY-DRAIN	1	005	005
-24		• CONNECTING PARTS	1	005	005
	AN837-8D	• ELBOW	1	005	005
	AN960D1216	• WASHER	1	005	005
	AN924-8D	• NUT	1	005	005
-25	2319066-005	• TUBE ASSEMBLY-DRAIN	1	005	005
-26	2319066-002	• HOSE-DRAIN	1	005	005
-27	2319227-001	• VALVE ASSEMBLY-DRAIN	1	005	005
		A 003, 015 THRU 023 & 025 & 028A			
		B 024, 026 THRU 028 & 029 & ON			
		C 003, 006 & ON			
		A---ATTACHING PARTS			

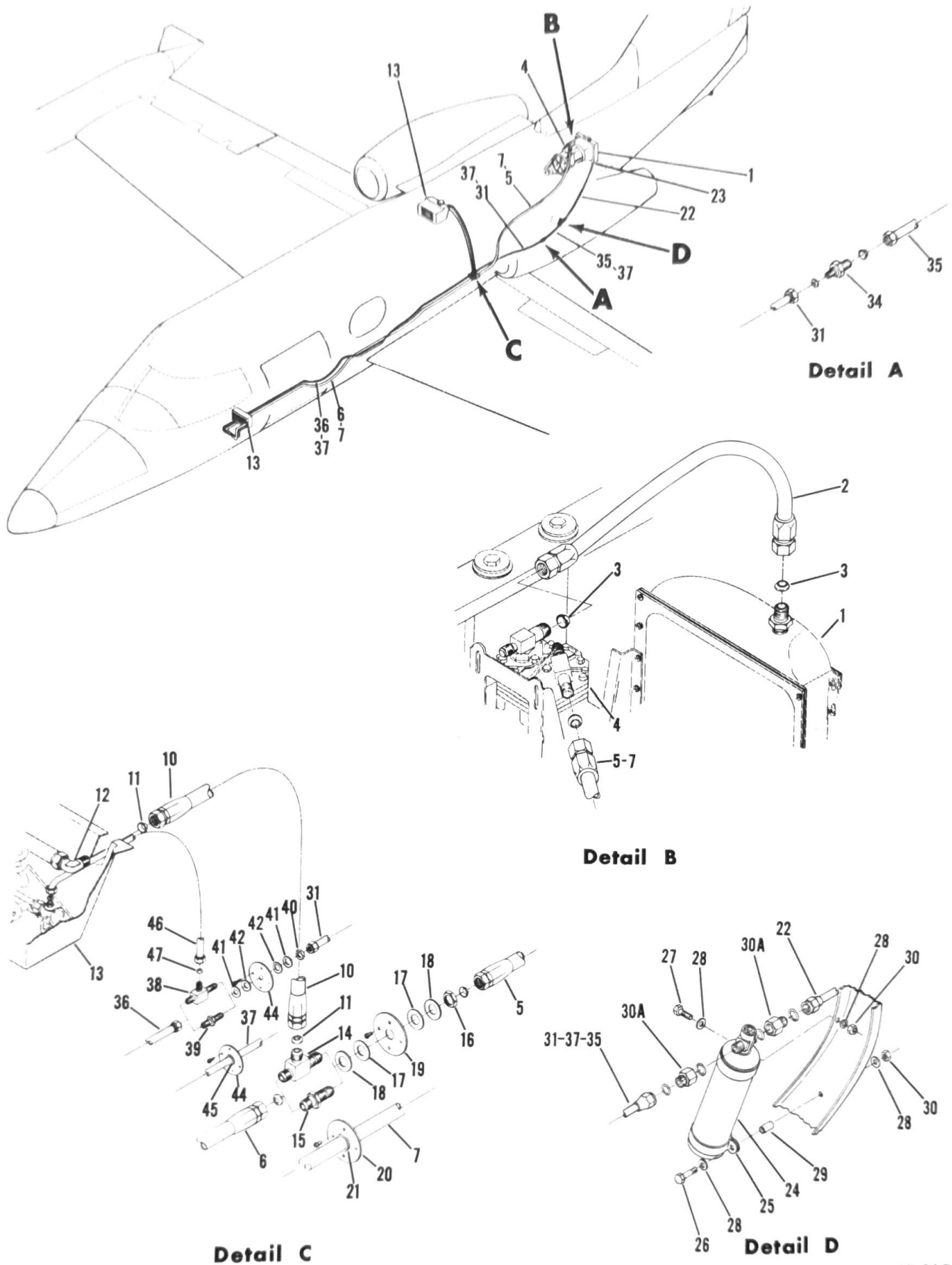


Figure 106. Refrigerant Plumbing Installation

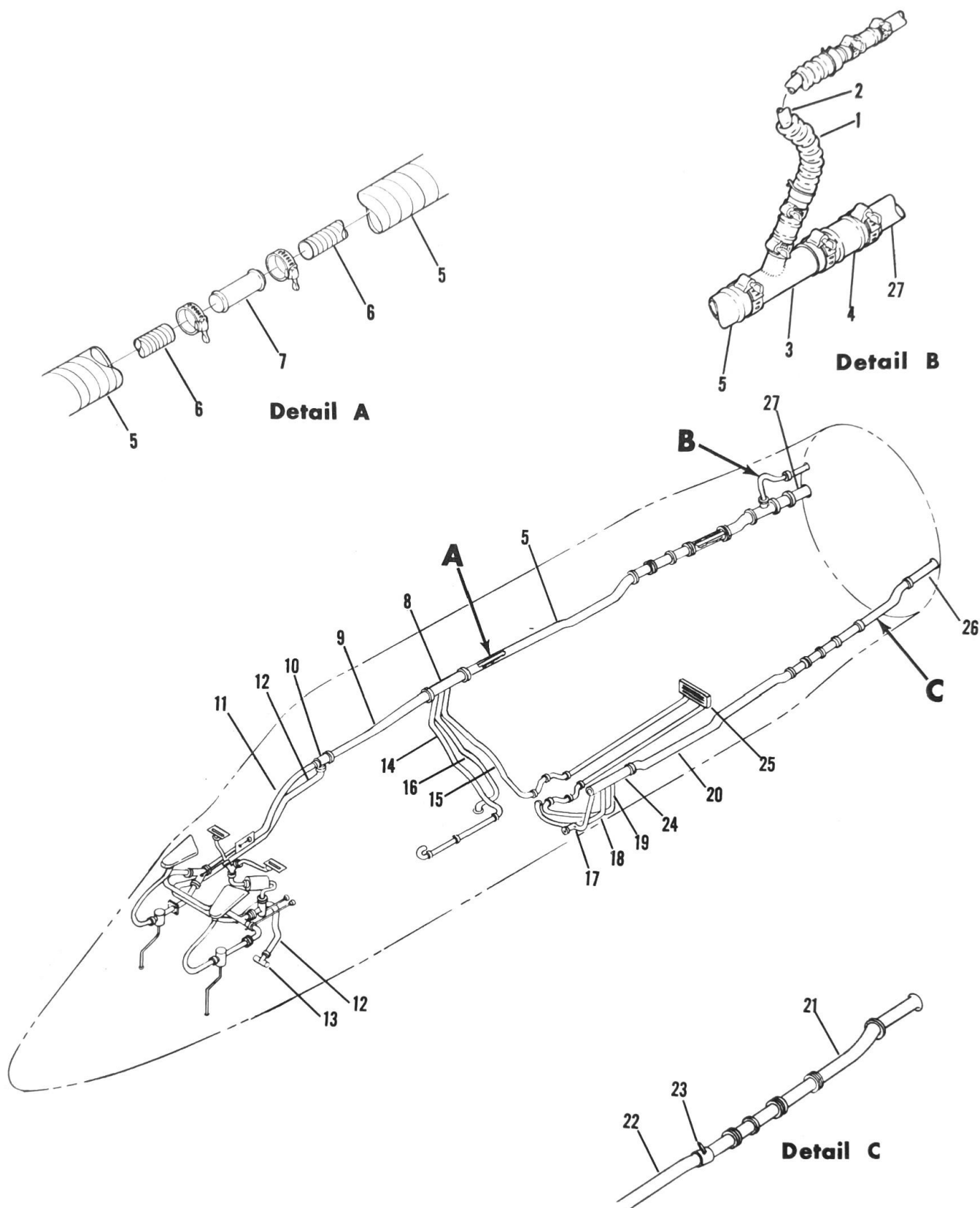
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
106 -		REFRIGERANT PLUMBING INSTALLATION			
-1	SEE FIGURE 103	• CONDENSER ASSEMBLY-REFRIGERANT -----	REF 1		
-2	2319060-028	• HOSE ASSEMBLY -----	2		
-3	AP50A-8	• GASKET -----	REF 2		
-4	SEE FIGURE 103	• COMPRESSOR ASSEMBLY-REFRIGERANT -----	1		018
-5	2319060-002	• HOSE ASSEMBLY -----	2		018
	AP50A-10	• GASKET -----	1	006	005
-6	2319060-016	• HOSE ASSEMBLY -----	1		018
	2319060-030	• HOSE ASSEMBLY -----	2		005
	AP50A-8	• GASKET -----	2	006	018
	AP50A-10	• GASKET -----	1	019	
-7	2319060-042	• HOSE ASSEMBLY -----	2	019	
	AP50A-10	• GASKET -----	1		005
-10	2319060-014	• HOSE ASSEMBLY -----	2		005
-11	AP50A-8	• GASKET -----	1		005
-12	AN832-80	• ELBOW -----	REF 1		
-13	SEE FIGURE 105	• EVAPORATOR ASSEMBLY-REFRIGERANT -----	1		005
-14	2319061-001	• TEE -----	1	006	018
-15	AN832-100	• UNION-BULKHEAD -----	1		018
-16	AN924-100	• NUT-JAMB -----	2		018
-17	2319060-021	• GASKET -----	2		018
-18	AN960D1416L	• WASHER -----	1		018
-19	2319060-019	• PLATE -----	1	019	018
-20	2319060-041	• PLATE -----	4		
	AN515-8R6	A • SCREW -----	1	019	
-21	MS35489-22S	• GROMMET -----	1	A	
-22	2319060-022	• TUBE ASSEMBLY -----	1	B	
	2319060-039	• TUBE ASSEMBLY -----	2	A	
	AP50A-6	• GASKET -----	2	B	
	AP50A-4	• GASKET -----	1	B	
-23	AN912-2S	• BUSHING -----	1	B	
	AN816-4-4D	• NIPPLE -----	1	B	
-24	87C199-3	• DEHYDRATOR-REFRIGERANT FOR SPARES USE SPECIAL SPARE KIT 2399001-002 (REF INDEX 100) -----	1	G	
	250522	• DEHYDRATOR-REFRIGERANT FOR SPARES USE SPECIAL SPARE KIT 2399001-003 (REF INDEX 101) -----	1	H	
	249487	• DEHYDRATOR-REFRIGERANT -----	1	J	
-25	AN742D40	A • CLAMP -----	2	A	
	AN742D32	A • CLAMP -----	2	H	
	MS21919D40	A • CLAMP -----	2	K	
-26	AN30013A	A • BOLT -----	1	A	
-27	AN3005A	A • BOLT -----	1	A	
	AN520-10R10	A • SCREW -----	2	B	
-28	AN960D10L	A • WASHER -----	AR 1	A	
-29	NAS43DD3-48	A • SPACER -----	2	A	
-30	MS20364D1032	A • NUT -----	2	B	
	MS20364-1032	A • NUT -----	2	K	
-30A	257425	• REDUCER -----	2	K	
	257567	• GASKET -----	2	K	
-31	2319060-012	• TUBE ASSEMBLY -----	1	006	005
	2319060-032	• TUBE ASSEMBLY -----	2		018
	AP50A-6	• GASKET -----	2		005
	AP50A-4	• GASKET -----	2	006	018
-34	AN919-60	• REDUCER -----	1	C	
	AN815-40	• UNION -----	1	D	
-35	2319060-034	• TUBE ASSEMBLY -----	1	C	
	2381328-010	• TUBE ASSEMBLY -----	1	D	
	AP50A-6	• GASKET -----	2	C	
-36	2319060-008	• TUBE ASSEMBLY -----	1		018
	AP50A-4	• GASKET -----	2		018
-37	2319060-045	• TUBE ASSEMBLY -----	1	E	
	2381328-004	• TUBE ASSEMBLY -----	1	F	
	2319060-046	• TUBE ASSEMBLY -----	1	050	
	AP50A-4	• GASKET -----	2	E	
-38	2319061-002	• TEE -----	1		005
-39	AN832-40	• UNION-BULKHEAD -----	1	006	018
-40	AN924-60	• NUT-JAMB -----	1		005
	AN924-40	• NUT-JAMB -----	1	006	018
-41	AN960D916L	• WASHER -----	2		005
	AN960D716L	• WASHER -----	2	006	018
-42	2319060-020	• GASKET -----	2		005
	2319060-037	• GASKET -----	2	006	018
-43	2319060-018	• PLATE -----	1		005
-44	2319060-036	• PLATE -----	1	006	
	AN515-8R6	A • SCREW -----	4		

CONTINUED

A---ATTACHING PARTS



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
106 -45	MS35489-6S	• GROMMET -----	1	019	
-46	2319060-010	• TUBE ASSEMBLY -----	1		005
-47	AP50A-4	• GASKET -----	2		005
-100	2399001-002	• KIT-DEHYDRATOR RECEIVER REPLACEMENT -----	1	G	
		• • COMPONENTS CONSIST OF ITEM MARKED BY AN ASTERISK (*)			
-101	2399001-003	• KIT-DEHYDRATOR RECEIVER REPLACEMENT -----	1	H	
		• • COMPONENTS CONSIST OF ITEMS MARKED BY AN ASTERISK (*) & PLUS SIGN (+)			
		A 003 THRU 018 EXCEPT A/C MOD PER ECR 233 OR ECR 277			
		B 019 & ON & A/C MOD PER ECR 233 OR ECR 277			
		C 006 THRU 018 EXCEPT A/C MOD PER ECR 233 OR ECR 277			
		D 006 THRU 049 WHEN MOD PER ECR233 ECR 230, ECR 277 OR ECR 381			
		E 019 THRU 049 EXCEPT A/C MOD PER ECR 233, ECR 230 OR ECR 381			
		F 019 THRU 049 WHEN MOD PER ECR 233 ECR 230 OR ECR 381			
		G 003 THRU 018 EXCEPT A/C MOD PER ECR 233 OR ECR 277 & EXCEPT A/C MOD PER 2399001 -002 REPLACEMENT SPARE KIT			
		H 019 & ON & A/C MOD PER ECR 233 OR ECR 277 EXCEPT A/C MOD PER 2399001-003 REPLACEMENT SPARE KIT			
		J 003 & ON WHEN MOD PER 2399001-002 OR -003 REPLACEMENT SPARE KIT			
		K 019 & ON & A/C MOD PER ECR 233 OR ECR 277 & 2399001-003 REPLACEMENT SPARE KIT IS INSTALLED			
		A---ATTACHING PARTS			



13-9C-1  
A13-24-C  
B13-9C-1  
C13-9C

Figure 107. Cabin Air Distribution System Installation

LIMITED EFFECTIVITY Serial Code D

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
107 -	SEE FIGURE 108 SEE FIGURE 109	CABIN AIR DISTRIBUTION SYSTEM INSTL • DEFOG SYSTEM-INTERNAL & EXTERNAL ----- • DEFOG DEHUMIDIFIER INSTALLATION ----- • DUCT INSTALLATION-CABIN RH -----	1 1 1	D D D	
-1	AE-102-20	• SLEEVE-INSULATION -----	1	D	
-2	2381198-004	• TUBE -----	1	F	
	2319148-024	• TUBE -----	1	G	
	SLOOT-4-13	A • CONNECTOR -----	2	D	
	WWD38-46	A • CLAMP -----	4	D	
-3	2381198-003	• MANIFOLD ASSEMBLY -----	1	F	
	2319150-003	• MANIFOLD ASSEMBLY -----	1	G	
-4	2319148-031	• CONNECTOR -----	1	D	
	AN737TW91	A • CLAMP -----	2	D	
-5	2319148-029	• DUCT-CABIN AIR -----	1	D	
	AN737TW91	A • CLAMP -----	2	D	
	MS21266-2N	A • GROMMET -----	AR	D	
-6	2319148-016	• DUCT-WINDSHIELD DEFOG SYSTEMS -----	1	D	
-7	2319150-004	A • TUBE-SPLICE -----	1	D	
	AN737TW38	A • CLAMP -----	4	D	
-8	2319150-001	• MANIFOLD ASSEMBLY TRIPLE OUTLET -----	1	A	
	2319150-037	• MANIFOLD ASSEMBLY SINGLE OUTLET -----	1	B	
	2319150-040	• MANIFOLD ASSEMBLY DOUBLE OUTLET -----	1	Q	
	AN742D40	A • CLAMP-SUPPORT -----	2	D	
	AN515-8R10	A • SCREW -----	2	D	
	AN960D8L	A • WASHER -----	2	D	
-9	2319148-027	• DUCT -----	1	D	
	AN737TW91	A • CLAMP -----	2	D	
-10	2319150-006	• MANIFOLD ASSEMBLY -----	1	J	
	2319150-034	• MANIFOLD ASSEMBLY -----	1	D	
	AN742D40	A • CLAMP-SUPPORT -----	1	D	
	AN515-8R10	A • SCREW -----	1	D	
	AN960D8L	A • WASHER -----	1	D	
-11	SEE FIGURE 108	• DUCT-WINDSHIELD DEFOG SYSTEMS SUPPLY -----	REF	D	
-12	2319148-026	• DUCT-FOOT WARMER SUPPLY -----	1	D	
	AN737TW46	A • CLAMP -----	2	D	
-13	2319145-026	• TUBE ASSEMBLY-T FOOT WARMER -----	1	D	
	AN742-20	A • CLAMP-SUPPORT -----	2	D	
	NAS221-8	A • SCREW -----	2	D	
	AN960D10L	A • WASHER -----	2	D	
	MS20364-1032	A • NUT -----	2	D	
		• DUCT INSTALLATION-CABIN FLOOR HEATING -----	1	D	
-14	2319171-010	• DUCT-FORWARD FLOOR HEATING RH -----	1	D	
-15	2319171-005	• DUCT-AFT LOUVER ASSY SUPPLY RH -----	1	A	
	2319171-590-1	• PLUG -----	1	B	
	SLOOT-4-10	A • HOSE-CONNECTOR -----	1	D	
	AN737TW38	A • CLAMP -----	2	D	
-16	2319171-006	• DUCT-CENTER FLOOR HEATING RH -----	1	A	
	2319171-590-1	• PLUG -----	1	B	
	SLOOT-4-10	A • HOSE-CONNECTOR -----	1	D	
	AN737TW38	A • CLAMP -----	2	D	
	2319171-011	• DUCT-CENTER FLOOR HEATING RH -----	1	Q	
-17	2319148-030	• DUCT-FORWARD FLOOR HEATING LH -----	1	D	
-18	2319171-015	• DUCT-CENTER FLOOR HEATING LH -----	1	D	
-19	2319171-016	• DUCT-AFT LOUVER ASSY SUPPLY LH -----	1	D	
	AN737TW38	• CLAMP-HOSE -----	AR	D	
	MS21266-1N	• GROMMET -----	AR	D	
	MS21919DG18	• CLAMP-SUPPORT -----	AR	D	
	AN520-10R8	A • SCREW -----	AR	D	
	AN960D10L	A • WASHER -----	AR	D	
	MS20365-1032	A • NUT -----	AR	D	
		• DUCT INSTALLATION-CABIN LH -----	1	D	
-20	2319148-028	• DUCT-CABIN AIR -----	1	C	
-21	2319148-018	• DUCT-CABIN AIR -----	1	K	
-22	2319148-019	• DUCT-CABIN AIR -----	1	K	
	AN737TW91	A • CLAMP -----	AR	D	
	MS21266-2N	A • GROMMET -----	AR	D	
-23	2319150-029	• TUBE ASSY-BAGGAGE COMPT HEAT OUTLET -----	AR	K	
	2319148-485-1	• PLUG-BAGGAGE COMPT HEAT OUTLET -----	AR	K	
	MS24665-138	A • PIN-COTTER -----	1	K	
-24	2319150-002	• MANIFOLD ASSEMBLY -----	1	L	
	2319150-033	• MANIFOLD ASSEMBLY -----	1	M	
	AN742D40	A • CLAMP -----	1	M	
	AN515-8R10	A • SCREW -----	1	M	
	AN960D8L	A • WASHER -----	1	M	
	NAS43DD3-26	A • SPACER -----	1	M	
-25	2319172-007	• LOUVER ASSEMBLY -----	1	L	
	AN520-8R7	A • SCREW -----	4	L	
		• CLAMP SUPPORT INSTL-CABIN DUCTS L&R RH -----	1	D	
	MS21919D16	• CLAMP-SUPPORT -----	AR	D	
	AN742D20	• CLAMP-SUPPORT -----	AR	D	
	AN742D40	• CLAMP-SUPPORT -----	AR	D	
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
107 -	AN515-8R10	. . SCREW -----	AR	D	
	AN960D8L	. . WASHER -----	AR	D	
-26	2319103-001	. TUBE ASSEMBLY-CABIN AIR DUCT SUPPLY LH -----	1	N	
	2319103-011	. TUBE ASSEMBLY-CABIN AIR DUCT SUPPLY LH -----	1	P	
	2319103-017	. TUBE ASSEMBLY-CABIN AIR DUCT SUPPLY LH -----	1	E	
-27	2319103-002	. TUBE ASSEMBLY-CABIN AIR DUCT SUPPLY RH -----	1	N	
	2319103-012	. TUBE ASSEMBLY-CABIN AIR DUCT SUPPLY RH -----	1	P	
	2319103-018	. TUBE CABIN AIR DUCT SUPPLY RH -----	1	E	
	MS21266-1N	A . GROMMET LOCATED AT FRAME 23 -----	1	D	
	NAS221-6	A . SCREW -----	6	D	
	MS21919WDG40	A . CLAMP-SUPPORT -----	1	D	
	AN520-10R8	A . SCREW -----	1	D	
	MS20365-1032	. NUT -----	1	D	
		A 003 THRU 069 EXCEPT A/C MOD PER SK23-169A, ECR 233, ECR 230, ECR 277 OR ECR 381			
		B 070 THRU 093 & A/C MOD PER SK23-169A EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, OR ECR 381			
		C 003 THRU 010 & 051 & ON EXCEPT A/C MOD PER ECR 233, ECR 230 OR ECR 227			
		D 003 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381			
		E 080 & ON EXCEPT A/C MOD PER ECR 227			
		F 003 THRU 034 EXCEPT A/C MOD PER ECR 233 ECR 277 OR ECR 381			
		G 035 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, OR ECR 227			
		H 003 THRU 049 EXCEPT A/C MOD PER ECR 233 ECR 230, ECR 277 OR ECR 381			
		J 050 & ON EXCEPT A/C MOD PER ECR 230 OR ECR 227			
		K 011 THRU 050 EXCEPT A/C MOD PER ECR 233 ECR 230, ECR 277 OR ECR 381			
		L 003 THRU 014 EXCEPT A/C MOD PER ECR 233 015 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381			
		M 003 THRU 029 EXCEPT A/C MOD PER ECR 233 ECR 277 OR ECR 381			
		N 030 THRU 079 EXCEPT A/C MOD PER ECR 233, ECR 230 OR ECR 227			
		P 094 & ON EXCEPT A/C MOD PER ECR 227			
		Q			
		A---ATTACHING PARTS			

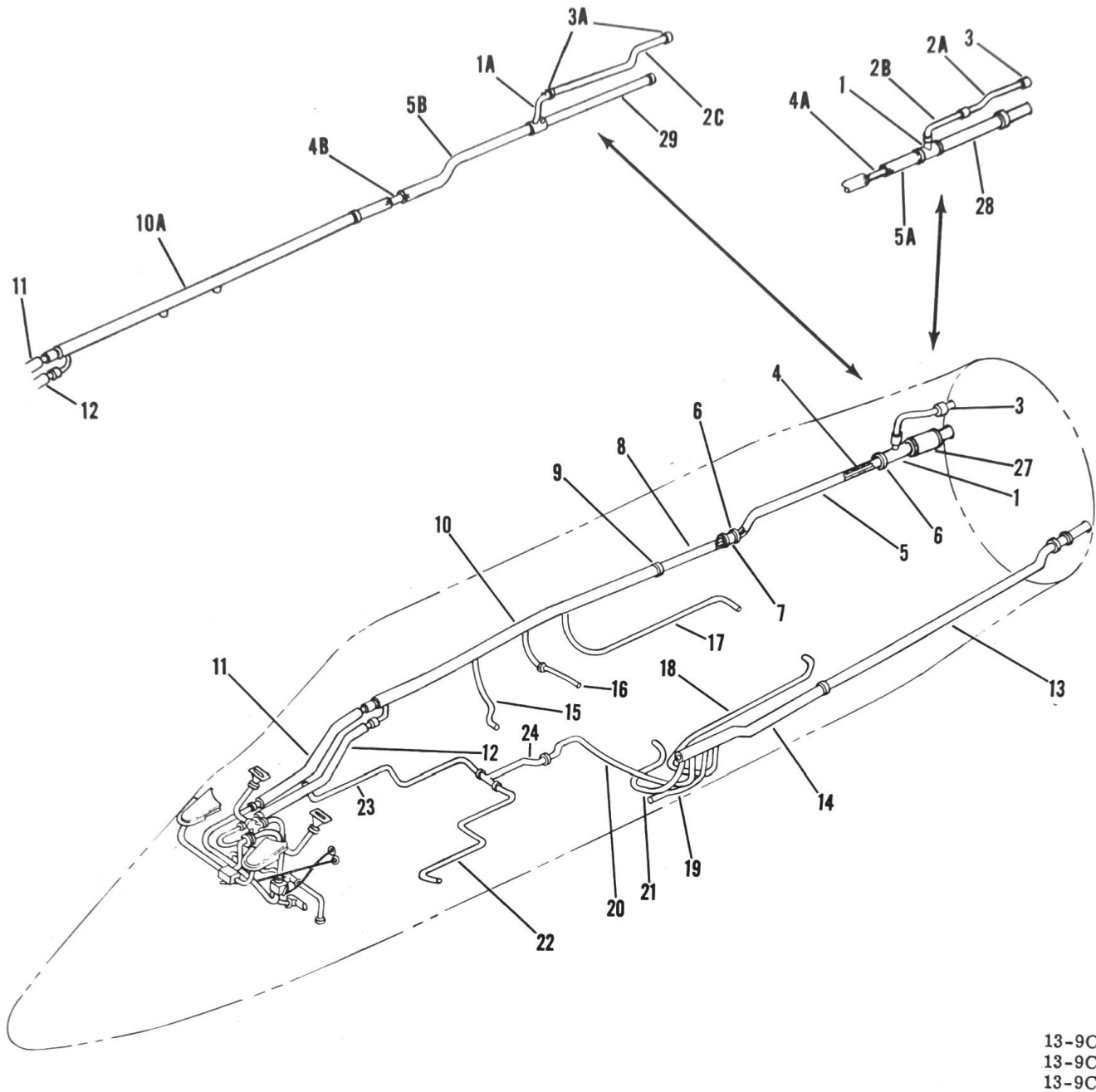


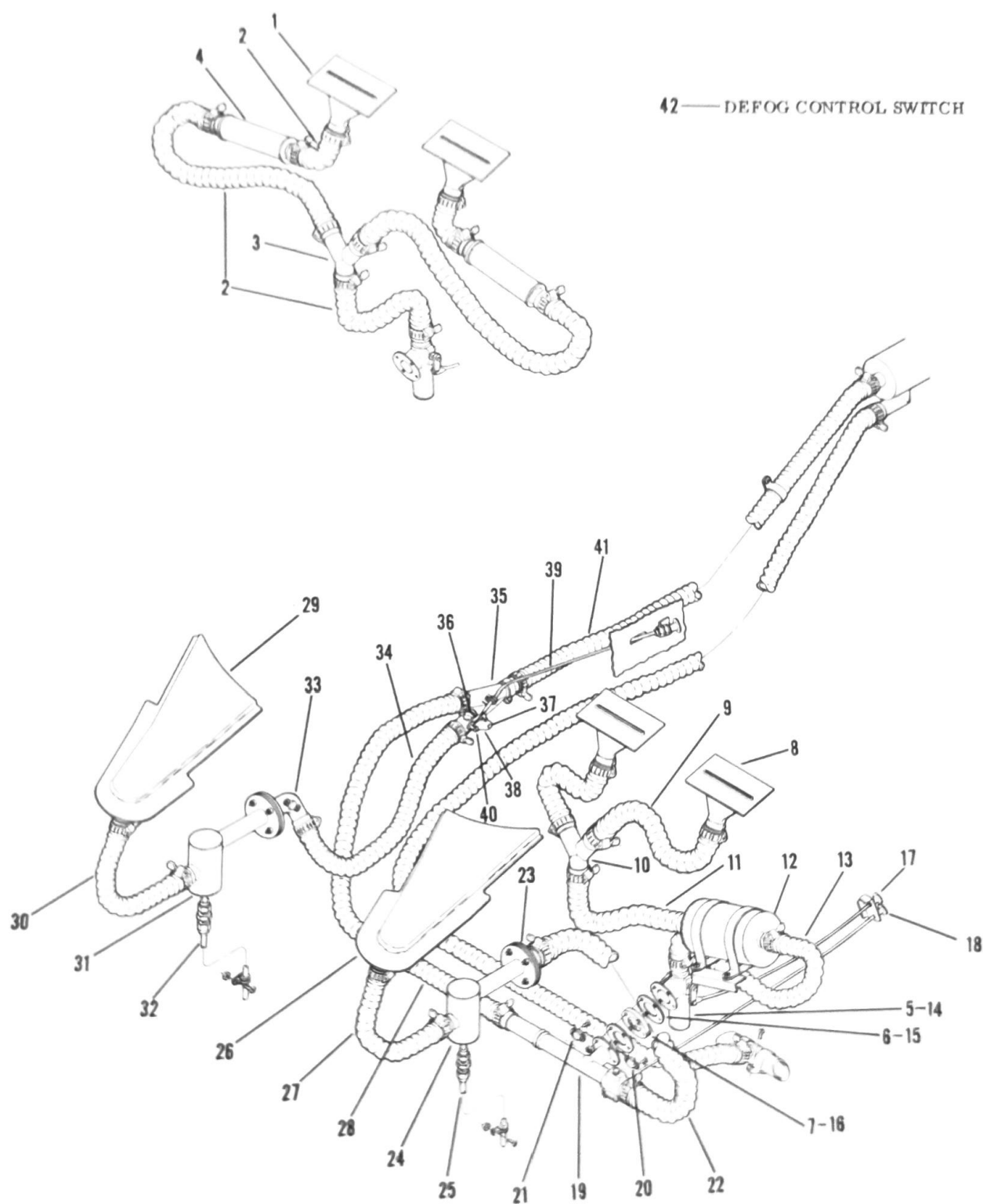
Figure 107A. Cabin Air Distribution System Installation

13-9C-2  
13-9C-1  
13-9C-1

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
107A-		1 2 3 4 5 6 7 CABIN AIR DISTRIBUTION SYSTEM INSTL			
-1	SEE FIGURE 108A	• DEFOG SYSTEM-INTERNAL & EXTERNAL -----	1	A	
-1A	SEE FIGURE 108B	• MANIFOLD ASSEMBLY -----	1	H	
-2	2319150-047	• TUBE ASSEMBLY -----	1	F	
-2A	2419012-005	• DUCT-DE FOG SUPPLY -----	1	G	
-2B	2319148-040	• DUCT-DE FOG SUPPLY -----	1	B	
-2C	2319148-071	• DUCT-DE FOG SUPPLY -----	1	C	
-3	2319148-072	• DUCT-DE FOG SUPPLY -----	1	C	
-3A	2419013-001	• TUBE-DE FOG SUPPLY -----	1	G	
	SLOOT-4-13	• CONNECTOR -----	2	B	
	SLOOT-4-13	• CONNECTOR -----	3	C	
	WWD38-46	A • CLAMP -----	4	B	
	WWD46	A • CLAMP -----	6	C	
	SLOOT-5-13	• CONNECTOR -----	2	G	
	AN737TW38	A • CLAMP -----	4	G	
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
107A-4	SCEATS-5-42-6	• DUCT-INNER DE FOG SUPPLY RH -----	1		B
-4A	SCEATS-5-108-6	• DUCT-INNER DE FOG SUPPLY RH -----	1		C
	AN737TW48	A • CLAMP -----	2		F
-4B	2419014-002	• TUBE-INNER DE FOG SUPPLY RH -----	1		G
	SLOOT-5-13	A • CONNECTOR INNER TUBE -----	2		G
	AN737TW48	A • CLAMP -----	4		G
-5	SCEATS-10-184-6	• DUCT-OUTER CABIN SUPPLY RH -----	1		B
-5A	SCEATS-10-*6	• DUCT-OUTER CABIN SUPPLY RH -----	1		C
-5B	SCEATS-10-266-6	• DUCT-OUTER CABIN SUPPLY RH -----	1		G
	AN737TW91	A • CLAMP -----	2		G
-6	SLOOT-10-26	• CONNECTOR OUTER DUCT -----	2		F
	AN737TW91	A • CLAMP -----	4		F
-7	SLOOT-5-22	• CONNECTOR INNER DUCT -----	1		F
	AN737TW48	A • CLAMP -----	2		F
-8	2319148-042	• TUBE ASSEMBLY -----	1		F
-9	SLOOT-10-26	• CONNECTOR OUTER DUCT -----	1		F
	AN737TW91	A • CLAMP -----	2		F
-10	2319148-066	• MANIFOLD ASSEMBLY-RH -----	1		F
-10A	2319148-128	• MANIFOLD ASSEMBLY-RH -----	1		G
-11	SEE FIGURE 108A		REF		H
	SEE FIGURE 108B	• TUBE ASSEMBLY-BLEED AIR -----	REF		H
-12	SEE FIGURE 108B	• TUBE ASSEMBLY-CONDITIONED AIR -----	REF		H
	SEE FIGURE 108B	• DUCT-CABIN SUPPLY LH -----	1		A
-13	SCEATS-10-*8	A • CLAMP -----	2		A
	AN737TW91	• MANIFOLD ASSEMBLY-LH -----	1		A
-14	2319148-068	• DUCT-FLOOR FWD RH -----	1		A
-15	2319171-010	• DUCT-FLOOR CENTER RH -----	1		A
-16	2319171-011	• DUCT-FLOOR AFT RH -----	1		A
-17	2319171-013	• DUCT-FLOOR AFT LH -----	1		D
-18	2319171-017	• DUCT-FLOOR AFT LH -----	1		E
	2319171-024	• DUCT-FLOOR CENTER LH -----	1		A
-19	2319171-018	• DUCT-COCKPIT FLOOR -----	1		A
-20	2319171-019	• DUCT-FLOOR FWD LH -----	1		A
-21	2319171-021	• DUCT-COCKPIT FLOOR LH -----	1		A
-22	2319171-020	• DUCT-COCKPIT FLOOR RH -----	1		A
-23	2319171-014	• TUBE ASSEMBLY-TEE -----	1		A
-24	2319150-050	• ORIFICE -----	1		A
	2319150-058	• DUCT-CABIN SUPPLY RH -----	1		B
-27	2319148-009	• DUCT-CABIN SUPPLY RH -----	1		C
-28	SCEATS-10-*8	• DUCT-CABIN SUPPLY RH -----	1		C
-29	SCEATS-10-88-6	• DUCT-CABIN SUPPLY RH -----	1		G
		* LENGTH TO BE DETERMINED LATER			
	A	003 & ON WHEN MOD PER ECR 233, ECR 230 ECR 227, ECR 277 OR ECR 381			
	B	MOD SEQ 1 THRU 8 SEE PAGE 1 EXCEPT A/C EQUIPPED FOR ICE OPERATION			
	C	MOD SEQ 9 & ON SEE PAGE 1 EXCEPT A/C EQUIPPED FOR ICE OPERATION			
	D	003 & ON WHEN MOD PER ECR 233, ECR 230 ECR 227, ECR 277 OR ECR 381 EXCEPT A/C MOD PER SK23/24-271			
	E	003 & ON WHEN MOD PER ECR 233, ECR 230 ECR 227, ECR 277 OR ECR 381 & SK23/24-271			
	F	003 & ON WHEN MOD PER ECR 233, ECR 230 ECR 227, ECR 277 OR ECR 381 EXCEPT A/C EQUIPPED FOR ICE OPERATION			
	G	003 & ON WHEN A/C IS EQUIPPED FOR ICE OPERATION			
	H	SEE FIGURE REF FOR USAGE			
		A---ATTACHING PARTS			





13-31D-2  
13-31D-2

Figure 108. Internal & External Defog System Installation

LIMITED EFFECTIVITY Serial Code W

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
108 -		INTERNAL & EXTERNAL DEFOG SYSTEM INSTL			
-1	2319168-001	• DEFOG SYSTEM-INTERNAL -----	1		W
	2319168-013	• • NOZZLE-DEFOG -----	2		M
	2319168-014	• • NOZZLE-DEFOG LH -----	1		B
	2319168-009	• • NOZZLE-DEFOG RH -----	1		B
	2319168-015	• • NOZZLE-DEFOG -----	2		N
	2319168-016	• • NOZZLE-DEFOG LH -----	1		P
	AN515008R8	• • NOZZLE-DEFOG RH -----	1		P
	AN960D8	A • • SCREW -----	12		A
	MS20364-832	A • • WASHER -----	12		A
-2	CEET-4	A • • NUT -----	12		A
-3	2319205-004	• • DUCT -----	AR		A
-4	2319145-391-1	• • TUBE ASSEMBLY-Y -----	1		A
-5	2319163-003	• • BAFFLE ASSEMBLY -----	2		A
	2319163-044	• • TUBE ASSEMBLY -----	1		Q
	AN742D20	• • TUBE ASSEMBLY -----	1		P
	AN520-10R10	A • • CLAMP BOTTOM -----	1		Q
	AN960D10L	A • • SCREW BOTTOM -----	1		Q
	MS20364-1032	A • • WASHER BOTTOM -----	1		Q
	AN742D16	A • • NUT BOTTOM -----	1		Q
	AN520-10R8	A • • CLAMP -----	1		A
	MS20364-1032	A • • SCREW -----	1		A
-6	2319163-025	A • • NUT -----	1		A
-7	2319163-020	• • SEAL -----	2		A
		• • VALVE ASSEMBLY-CHECK -----	1		A
-8	2319202-001	• DEFOG SYSTEM-INTERNAL -----	1		C
	AN515DD6-5	• • NOZZLE-DEFOG -----	2		C
	AN960D6L	A • • SCREW -----	AR		C
	AN960D6	A • • WASHER-SPACER -----	AR		C
	MS20364-1032	A • • WASHER -----	AR		C
-9	2319191-007	A • • NUT -----	AR		C
	AN737TW46	• • HOSE-DEFOG NOZZLE AIR INLET -----	2		C
-10	2319205-004	A • • CLAMP -----	4		C
-11	2319191-006	• • TUBE ASSEMBLY-Y -----	1		C
	AN737TW46	• • HOSE-PLENUM CHAMBER AIR OUTLET -----	1		C
-12	2319201-001	A • • CLAMP -----	2		C
	AN742-54	• • CHAMBER ASSY-PLENUM -----	1		C
	NAS221-10	A • • CLAMP -----	2		C
	MS20364-1032	A • • SCREW -----	2		C
-13	2319191-005	A • • NUT -----	2		C
	AN737TW46	• • HOSE-PLENUM CHAMBER INLET -----	1		C
-14	2319193-001	A • • CLAMP -----	2		C
	2319191-635-2	• • VALVE ASSY-MANUAL CONTROL -----	1		V
	AN737TW46	• • VALVE ASSY-MANUAL CONTROL -----	1		X
-15	2319191-003	A • • CLAMP -----	1		C
-16	2319199-001	• • SEAL -----	2		C
		• • VALVE ASSEMBLY-CHECK -----	1		C
-17	2319203-002	• • CONTROL ASSY-MANUAL INTERNAL DEFOG -----	1		C
	MS20392-1C9	• • CONTROL ROD-VALVE -----	1		C
	AN960D4	A • • PIN-CLEVIS -----	1		C
	MS24665-130	A • • WASHER -----	1		C
	NAS561P2-6	A • • PIN-COTTER -----	1		C
	2319160-011	A • • PIN-SPRING CONTROL ROD STOP -----	1		C
	NAS561P2-6	• • KNOB-INTERNAL DEFOG CONTROL -----	1		C
		A • • PIN-SPRING KNOB RETAINING -----	1		C
-18	2319160-014	• CONTROL ROD INSTL-INTERNAL & EXT DEFOG -----	1		W
	2319203-001	• • CONTROL ROD-VALVE -----	1		A
	MS20392-1C11	• • CONTROL ROD-VALVE -----	1		C
	MS20392-1C9	A • • PIN-CLEVIS -----	1		A
	AN960D6L	A • • PIN-CLEVIS -----	1		A
	AN960D4	A • • WASHER -----	1		A
	MS24665-3	A • • WASHER -----	1		A
	MS24665-130	A • • PIN-COTTER -----	1		A
	NAS561P2-6	A • • PIN-COTTER -----	1		C
	2319160-011	A • • PIN-SPRING VALVE CONTROL ROD -----	1		W
	2319160-012	• • KNOB-CONTROL ROD -----	1		A
	NAS561P2-6	• • KNOB-CONTROL ROD -----	1		C
		A • • PIN-SPRING -----	1		W
-19	2319163-002	• DEFOG SYSTEM-PILOT EXTERNAL -----	1		W
	2319163-031	• • TUBE ASSY-EXTERNAL DEFOG PILOT -----	1		D
	2319163-041	• • TUBE ASSY-EXTERNAL DEFOG PILOT -----	1		E
	2319192-002	• • TUBE ASSY-EXTERNAL DEFOG PILOT -----	1		F
	2319192-002	• • TUBE ASSY-EXTERNAL DEFOG PILOT -----	1		G
	AN515-6-12	• • TUBE ASSY-EXTERNAL DEFOG PILOT -----	1		H
	AN960D6	A • • SCREW -----	4		W
	MS20364-632	A • • WASHER -----	4		W
	AN742D15	A • • NUT -----	4		W
	AN520-10R8	A • • CLAMP -----	1		W
	MS20364-1032	A • • SCREW -----	1		W
-20	C-4344-9-39	A • • NUT -----	1		W
		• • THERMISTOR TSW7 -----	1		D
		CONTINUED			
		A---ATTACHING PARTS			

LIMITED EFFECTIVITY Serial Code W

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
108 -21	C-4344-9-40 3100-60-1	. . . THERMISTOR TSW6 ----- . . . THERMISTOR ALTERNATE FOR C-4344-9-40 -----	1 1 2	W W W	
	AN530-6RF4	A . . . SCREW -----	1	W	
	2319198-002	. . . HANDLE -----	1	W	
	2319198-001	. . . STEM -----	1	W	
	MS28775-010	. . . PACKING-O RING -----	2	W	
	410H 1/4	. . . WASHER-DIP SPRING -----	1	W	
-22	2319145-022	. . . HOSE-PILOT EXTERNAL DEFOG EXHAUST -----	1	A	
	2319191-009	. . . HOSE-PILOT EXTERNAL DEFOG EXHAUST -----	1	J	
	2319191-011	. . . HOSE-PILOT EXTERNAL DEFOG EXHAUST -----	1	AA	
	AN737TW46	A . . . CLAMP -----	2	W	
-23	2319164-002	. . . TUBE ASSY-BULKHEAD AFT -----	1	W	
-24	2319219-023	. . . ACCUMULATOR ASSEMBLY-WATER -----	1	W	
	AN3-4A	A . . . BOLT -----	4	W	
	AN960D10L	A . . . WASHER -----	4	W	
	MS20364-1032	A . . . NUT -----	4	W	
-25	2381181-005	. . . TUBE ASSEMBLY-DRAIN LH -----	1	Y	
	2319219-017	. . . TUBE ASSEMBLY-DRAIN LH -----	1	Z	
	MS21919DG4	A . . . CLAMP -----	4	W	
	NAS221-8	A . . . SCREW -----	4	W	
	MS20364-1032	A . . . NUT -----	4	W	
	AN815-4	. . . UNION -----	1	W	
-26	2381189-003	. . . NOZZLE ASSY-EXTERNAL DEFOG PILOT -----	1	R	
	2381189-010	. . . SPACER-BOTTOM -----	1	R	
	2381189-011	. . . SPACER-BOTTOM -----	1	R	
	2319219-007	. . . NOZZLE ASSY-EXTERNAL DEFOG PILOT -----	1	S	
	2319219-015	. . . SPACER -----	1	S	
-27	2319219-021	. . . HOSE-EXTERNAL DEFOG NOZZLE SUPPLY -----	1	W	
-28	2319148-015	. . . DUCT-EXTERNAL DEFOG TUBE ASSY SUPPLY -----	1	L	
	SCEET-4-80-6	. . . HOSE-Y EXHAUST -----	1	K	
	AN737TW38	A . . . CLAMP -----	2	W	
		. . . DEFOG SYSTEM-EXTERNAL COPILOT -----	1	K	
-29	2319219-006	. . . NOZZLE ASSY-EXTERNAL DEFOG RH -----	1	K	
	2319219-015	. . . SPACER -----	1	K	
-30	2319219-021	. . . HOSE-EXTERIOR DEFOG NOZZLE SUPPLY -----	1	K	
	AN737TW38	A . . . CLAMP -----	2	K	
-31	2319219-023	. . . ACCUMULATOR ASSEMBLY-WATER -----	1	K	
	AN3-4A	A . . . BOLT -----	4	K	
	AN960D10L	A . . . WASHER -----	4	K	
	MS20364-1032	A . . . NUT -----	4	K	
-32	2381181-006	. . . TUBE ASSEMBLY-DRAIN RH -----	1	T	
	2319219-018	. . . TUBE ASSEMBLY-DRAIN RH -----	1	U	
	MS21919DG4	A . . . CLAMP -----	4	K	
	NAS221-8	A . . . SCREW -----	4	K	
	MS20364-1032	A . . . NUT -----	4	K	
	AN815-4	. . . UNION -----	1	K	
-33	2388152-027	. . . TUBE ASSEMBLY -----	1	K	
	2381204-008	. . . TUBE ASSEMBLY -----	1	G	
	C-4344-9-40	. . . THERMISTOR -----	1	K	
	3100-60-1	. . . THERMISTOR ALTERNATE FOR C-4344-9-40 -----	1	K	
	AN530-6RF4	A . . . SCREW -----	2	K	
-34	SCEET-4-36-6	. . . HOSE -----	1	K	
	AN737TW38	A . . . CLAMP -----	2	K	
-35	2388152-012	. . . TUBE ASSEMBLY-Y -----	1	K	
	AN742-16	A . . . CLAMP-HOSE SUPPORT -----	1	K	
	AN515-8R8	A . . . SCREW -----	1	K	
	AN960D8	A . . . WASHER -----	1	K	
	MS20364-832	A . . . NUT -----	1	K	
-36	2388152-018	. . . VALVE ASSY-COPILOT EXTERNAL CONTROL -----	1	K	
	MS16562-202	A . . . ROLL PIN -----	1	K	
-37	2388152-030	. . . PIN-VALVE CONTROL -----	1	K	
	AN960-416L	A . . . WASHER -----	3	K	
	MS28775-010	A . . . PACKING-O RING -----	2	K	
	5105-25	A . . . RING-SELF LOCKING -----	1	K	
	MS24665-153	A . . . PIN-COTTER -----	1	K	
-38	2388152-016	. . . HANDLE -----	1	K	
	MS24665-153	A . . . PIN-COTTER -----	1	K	
-39	2388152-024	. . . CONTROL ASSEMBLY-PUSH PULL -----	1	K	
-40	D-227-1C	A . . . SWIVEL-WIRE -----	1	K	
	MS21919DG3	A . . . CLAMP -----	1	K	
	AN515-10R8	A . . . SCREW -----	1	K	
	MS20364-1032	A . . . NUT -----	1	K	
-41	SCEET-4-196-6	. . . HOSE-Y SUPPLY -----	1	K	
	AN737TW38	A . . . CLAMP -----	2	K	
-42	SEE FIGURE 141	. . . SWITCH-DEFOG CONTROL -----	REF	W	
		A 002 THRU 028 & 029 EXCEPT A/C MOD PER SK23-88, ECR 233, ECR 277 OR ECR 381 CONTINUED A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION						UNITS PER ASSY	USABLE ON		
		1	2	3	4	5	6		7	THRU	
108 -		B	009 THRU 010 & 013 THRU 014 EXCEPT A/C MOD PER SK23-88 OR ECR 233								
		C	028A & 030 & ON & A/C MOD PER SK23-88 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381								
		D	003 THRU 008 EXCEPT A/C MOD PER SK23-88 OR ECR 233								
		E	009 THRU 014 EXCEPT A/C MOD PER SK23-88 OR ECR 233								
		F	015 THRU 028 & 029 EXCEPT A/C MOD PER SK23-88, ECR 233, ECR 277 OR ECR 381								
		G	002 THRU 084 WHEN MOD PER SK23-168 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381								
		H	085 & ON & 002 THRU 029 WHEN MOD PER SK23-88 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381								
		J	028A & 030 THRU 084 & A/C MOD PER SK23-88 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381								
		K	003 & ON WHEN MOD PER SK23-131 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381 OR SK23-168								
		L	003 & ON EXCEPT A/C MOD PER SK23-131 ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381								
		M	003 THRU 008 EXCEPT A/C MOD PER SK23-88 OR ECR 233								
		N	011 THRU 012 EXCEPT A/C MOD PER SK23-88 OR ECR 233								
		P	015 THRU 028 & 029 EXCEPT A/C MOD PER SK23-88, ECR 233, ECR 277 OR ECR 381								
		Q	003 THRU 014 EXCEPT A/C MOD PER SK23-88 OR ECR 233								
		R	003 THRU 089 EXCEPT WHEN MOD PER ECR 233 ECR 230, ECR 227, ECR 277 OR ECR 381								
		S	090 & ON EXCEPT WHEN MOD PER ECR 227								
		T	003 THRU 014 WHEN MOD PER SK23-131 EXCEPT A/C MOD PER ECR 233								
		U	015 & ON WHEN MOD PER SK23-131 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381								
		V	028A & 030 & ON & A/C MOD PER SK23-88 EXCEPT A/C 070 OR WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381								
		W	003 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381								
		X	A/C 070 ONLY EXCEPT WHEN MOD PER ECR 227								
		Z	003 THRU 014 EXCEPT A/C MOD PER ECR 233								
		AA	015 & ON EXCEPT WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381								
			085 & ON EXCEPT WHEN MOD PER ECR 227								
			A---ATTACHING PARTS								

LIMITED EFFECTIVITY Serial Code W

1 — DEFOG CONTROL SWITCH

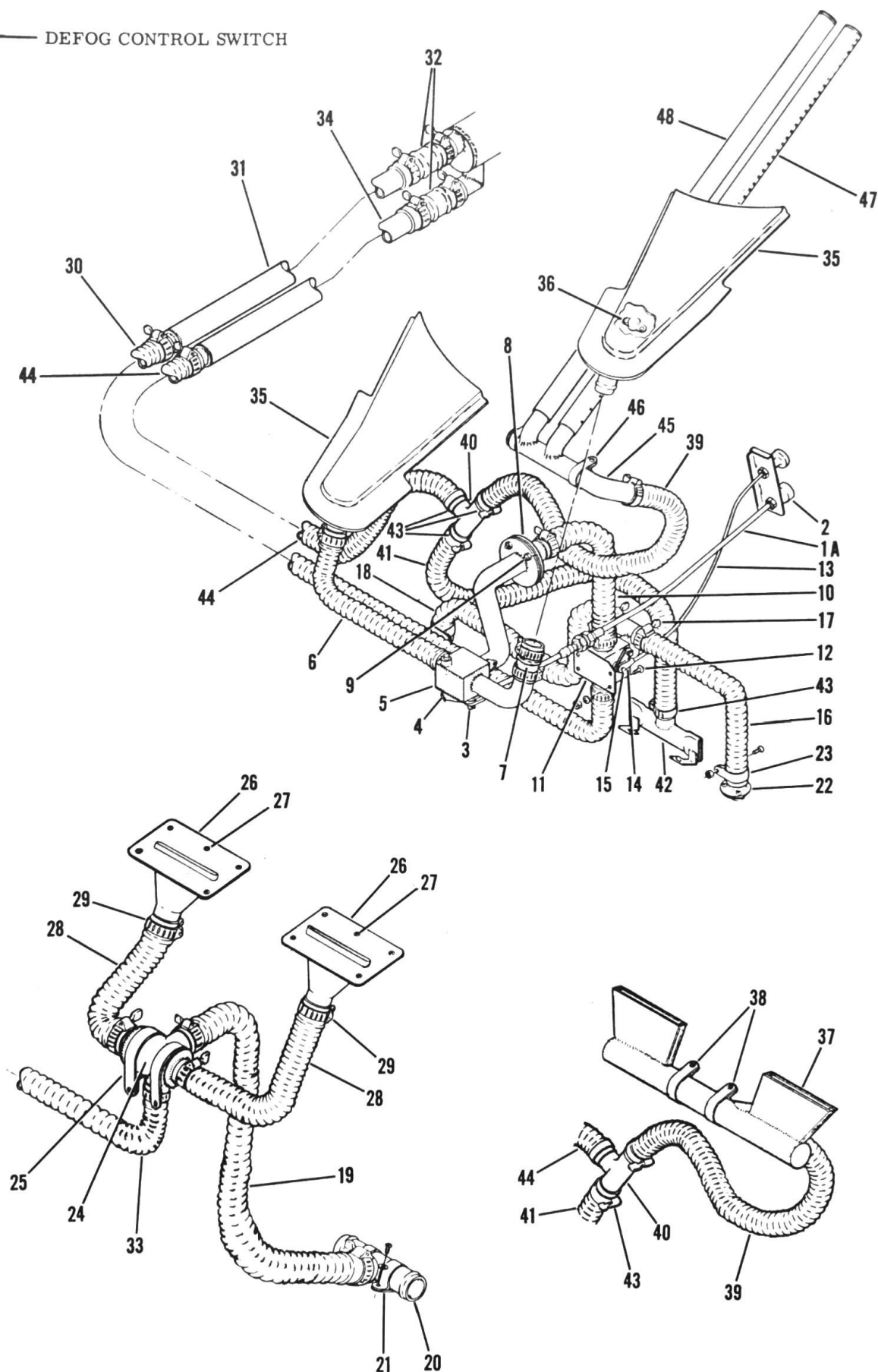
13-34D  
13-34D-1A

Figure 108A. Internal and External Defog System Installation

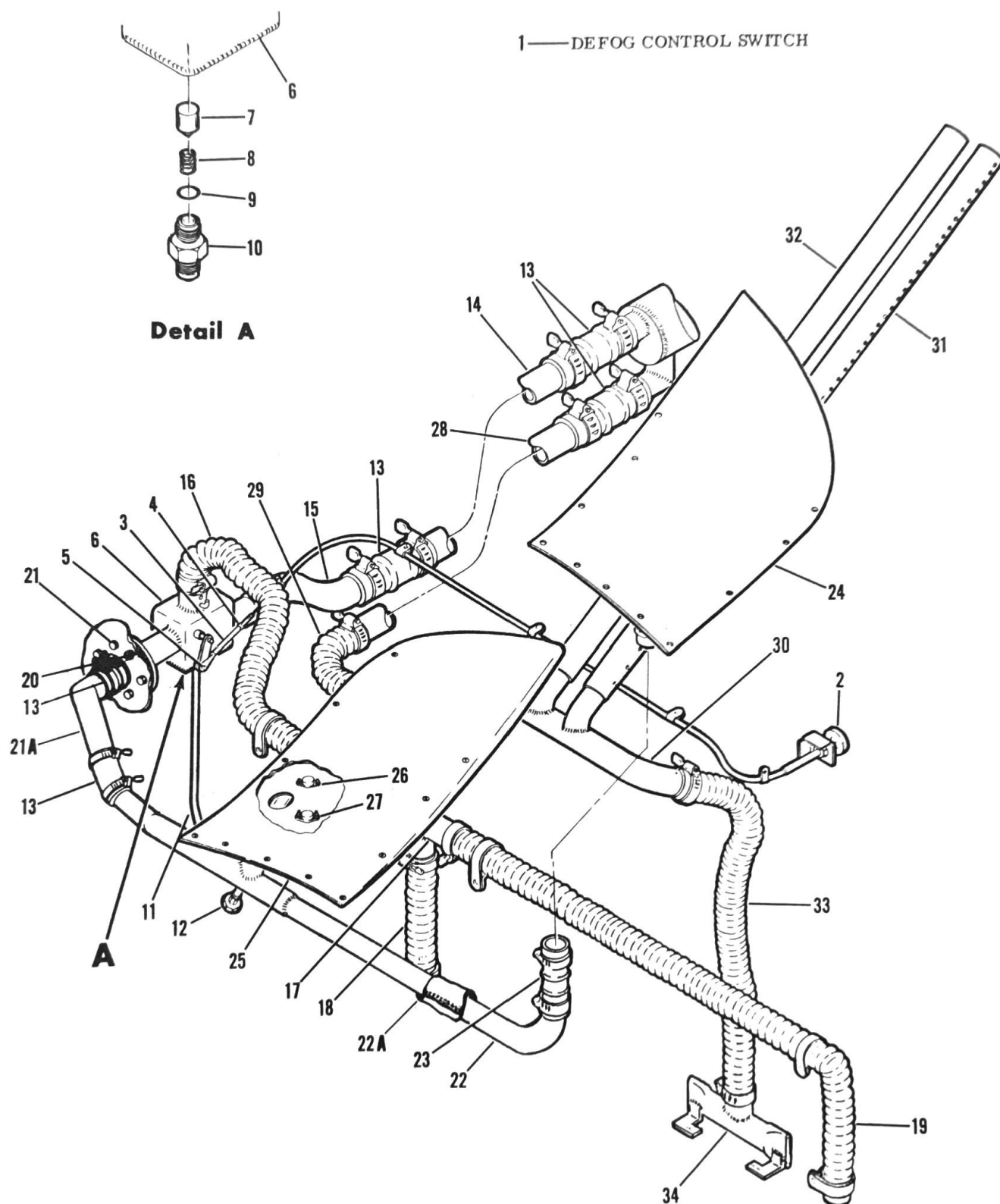
LIMITED EFFECTIVITY Serial Code A

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
108A-		INTERNAL & EXTERNAL DEFOG SYSTEM INSTL			
-1	SEE FIGURE 141	• SWITCH-DEFOG CONTROL -----	REF		A
-1A	6600100-001	• CABLE ASSY-CONTROL EXTERNAL DEFOG -----	1		F
-2	AN316-6R	• . NUT AFT -----	2		A
	AN316-7R	• . NUT FORWARD -----	2		A
	AN960D716	• . WASHER FORWARD -----	1		A
-3	RA-13-187-1	• YOKE-CONTROL EXTERNAL DEFOG -----	1		A
	MS20392-2C15	A . PIN-CLEVIS -----	1		A
	AN960D10L	A . WASHER -----	1		A
	MS24665-208	A . PIN-COTTER -----	1		A
	AN345-10	A . NUT LOCK -----	1		A
-4	2319222-009	• HANDLE-VALVE CONTROL EXTERNAL DEFOG -----	1		A
	MS24665-229	A . PIN-COTTER -----	1		A
-5	2319219-055	• VALVE ASSY-CONTROL EXTERNAL DEFOG -----	1		A
-6	2319219-039	• DUCT-CONTROL VALVE OUTLET RH -----	1		A
	AN737TW36	A . CLAMP -----	2		A
-7	2319219-051	• DUCT-CONTROL VALVE OUTLET LH -----	1		A
	AN737TW36	A . CLAMP -----	2		A
-8	2319220-002	• FITTING-BULKHEAD -----	1		A
-9	AN3-4A	• BOLT -----	4		A
	AN960D10L	• WASHER -----	4		A
	MS20364-1032	• NUT -----	4		A
-10	2319220-005	• DUCT-UPPER CONTROL VALVE -----	1		A
	AN737TW36	A . CLAMP -----	2		A
-11	2319221-001	• VALVE ASSEMBLY-CONTROL EXTERNAL DEFOG & FOOTWARMER -----	1		A
	2319222-007	• . HANDLE-VALVE ACTUATOR -----	1		A
	MS24665-229	A . . PIN-COTTER -----	1		A
	MS28775-010	• . PACKING-O RING -----	2		A
	AN960-416L	A . . WASHER -----	2		A
	5105-25	A . . RING-SELF LOCKING -----	2		A
-12	NAS220-9	• SCREW -----	4		A
	AN960D8	• WASHER -----	4		A
	MS20364-832	• NUT -----	4		A
-13	WC122-7/32-10 1/2-3 1/2	• CABLE ASSEMBLY-CONTROL FOOTWARMER & EXTERNAL DEFOG -----	1		A
-14	MS20667F2	• YOKE -----	1		A
-15	MS20392-2C9	• PIN-CLEVIS -----	1		A
	AN960D10	• WASHER -----	1		A
	MS24665-208	• PIN-COTTER -----	1		A
-16	2319220-007	• DUCT-FOOTWARMER LH -----	1		A
-17	AN737TW36	• CLAMP -----	2		A
-18	2319220-006	• DUCT-FOOTWARMER RH -----	1		A
-19	2319220-004	• DUCT-FOOTWARMER CENTER -----	1		B
	AN737TW46	A . CLAMP -----	2		B
-20	2319223-006	• TUBE ASSEMBLY-FOOTWARMER CENTER -----	1		B
-21	AN742D20	• CLAMP -----	2		B
	NAS221-8	A . SCREW -----	4		B
	AN960D10	A . WASHER -----	4		B
-22	2319220-015	• VALVE ASSEMBLY-CHECK FOOTWARMER -----	2		A
-23	AN737TW46	• CLAMP -----	2		A
	NAS221-8	A . SCREW -----	2		A
	AN960D10	A . WASHER -----	2		A
-24	2319223-001	• MANIFOLD ASSEMBLY -----	1		B
-25	AN742D32	• CLAMP -----	2		B
	NAS221-8	A . SCREW -----	2		B
	AN960D10	A . WASHER -----	2		B
-26	2319202-006	• NOZZLE-DEFOG INTERIOR -----	2		B
-27	AN515DD6-5	• SCREW -----	10		B
	AN960D6	A . WASHER -----	10		B
	MS20364D632	A . NUT -----	10		B
-28	2319220-003	• DUCT INTERIOR DEFOG NOZZLE SUPPLY -----	10		B
-29	AN737TW46	A . CLAMP -----	2		B
-30	SCEATS-4-204-6	• DUCT-BLEED AIR -----	4		B
	AN737TW38	A . CLAMP -----	1		A
-31	2319148-054	• TUBE ASSEMBLY-BLEED AIR -----	2		A
-32	SLOOT-5-13	• SLEEVE -----	1		A
	AN737TW48	A . CLAMP -----	1		A
-33	SCEATS-4-212-6	• DUCT-CONDITIONED AIR -----	4		A
	AN737TW38	A . CLAMP -----	1		B
-34	2319148-053	• TUBE ASSEMBLY-CONDITIONED AIR -----	2		B
-35	2319219-041	• NOZZLE ASSEMBLY-EXTERNAL DEFOG LH -----	1		A
	2319219-042	• NOZZLE ASSEMBLY-EXTERNAL DEFOG RH -----	1		A
-36	3100-60-2	• THERMOSTAT TSW7 -----	1		A
	2319219-057	A . SPACER -----	2		A
	AN5304RF8	A . SCREW -----	2		A
	NAS549EL4	A . WASHER -----	4		A
-37	2319226-001	• DIFFUSER ASSEMBLY-DEFOG INTERIOR -----	2		A
-38	AN742D20	• CLAMP -----	1		C
	AN509-8R4	A . SCREW -----	2		C
		CONTINUED	4		C
		A---ATTACHING PARTS			

LIMITED EFFECTIVITY Serial Code A



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
108A-	AN960D8L	A . WASHER -----	4	C	
	MS20364D832	A . NUT -----	4	C	
-39	2319220-026	. DUCT INTERIOR DEFOG SUPPLY -----	1	D	
-40	2319220-021	. TUBE ASSY DEFOG & FOOTWARMER -----	1	D	
-41	2319220-027	. DUCT FOOTWARMER -----	1	D	
-42	2319220-029	. DUCT FOOTWARMER -----	1	D	
	NAS221-8	A . SCREW -----	2	D	
	AN960D10	A . WASHER -----	2	D	
-43	AN737TW46	. CLAMP -----	6	D	
-44	2319220-028	. DUCT INTERIOR DEFOG SUPPLY -----	1	D	
-45	2419102-001	. MANIFOLD ASSEMBLY-DEFOG INTERIOR -----	1	E	
-46	MS21919DG16	A . CLAMP -----	2	E	
	AN515-8R8	A . SCREW -----	2	E	
	MS20365-832	A . NUT -----	2	E	
-47	2419101-009	. TUBE ASSEMBLY-DEFOG DIFFUSER LH -----	1	E	
-48	2419101-008	. TUBE ASSEMBLY-DEFOG DIFFUSER RH -----	1	E	
	2419101-012	. RETAINER-CENTER POST COVER -----	1	E	
	AN525B832R6	A . SCREW -----	3	E	
		A 003 & ON WHEN MOD PER ECR 233, ECR 230 ECR 227, ECR 277 OR ECR 381 EXCEPT A/C EQUIPPED FOR ICE OPERATION			
		B 003 & ON WHEN MOD PER ECR 233, ECR 230 ECR 227, ECR 277 OR ECR 381 EXCEPT A/C MOD PER SK23/24-260 OR EQUIPPED WITH CENTER POST DEFOG DIFFUSERS OR FOR ICE OPERATION			
		C 003 & ON WHEN MOD PER ECR 233, ECR 230 ECR 227, ECR 277 OR ECR 381 & SK23/24-260 EXCEPT A/C EQUIPPED WITH CENTER POST DEFOG DIFFUSERS OR FOR ICE OPERATION			
		D 003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, SK23/24-260 OR EQUIPPED WITH CENTER POST DEFOG DIFFUSERS EXCEPT A/C EQUIPPED FOR ICE OPERATION			
		E 003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381 & EQUIPPED WITH CENTER POST DEFOG DIFFUSERS EXCEPT A/C EQUIPPED FOR ICE OPERATION			
		F SEE REF FIGURE FOR USAGE			
		A---ATTACHING PARTS			



13-34D-1  
A13-34D-1

Figure 108B. Internal and External Defog System Installation

LIMITED EFFECTIVITY Serial Code A

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
108B-		INTERNAL & EXTERNAL DEFOG SYSTEM INSTL			
-1	SEE FIGURE 141	• SWITCH-DEFOG CONTROL -----	REF	A	
-2	2419023-002	• CONTROL-PUSH PULL EXTERNAL DEFOG WHEN EXHAUSTED USE 653-006-122 PUSH PULL CONTROL, 2419053-001 FORK END & AN315C3R NUT -----	1	A	
	6600170-001	• CONTROL-PUSH PULL EXTERNAL DEFOG USE VENDOR NO 653-006-122 -----	1	A	
	653-006-122	• CONTROL-PUSH PULL EXTERNAL DEFOG REF SPEC CONTROL DWG 6600170-001 ALT FOR 2419023-002 -----	1	A	
-3	2419022-002	• FORK END-CONTROL EXTERNAL DEFOG -----	1	A	
	2419053-001	• FORK END-CONTROL EXTERNAL DEFOG -----	1	D	
-4	AN340C8	• NUT-LOCK -----	1	E	
	AN315C3R	• NUT-LOCK -----	1	A	
-5	MS20392-2-13	• PIN-CLEVIS -----	1	F	
	AN381-2-8	• PIN-COTTER -----	1	A	
-6	2419016-025	• VALVE ASSY-EXTERNAL DEFOG & FOOTWARMER WHEN EXHAUSTED USE 2419016-033 -----	1	A	
	2419016-033	• VALVE ASSY-EXTERNAL DEFOG & FOOTWARMER WHEN EXHAUSTED USE 2419016-034 -----	1	F	
	2419016-034	• VALVE ASSY-EXTERNAL DEFOG & FOOTWARMER WHEN EXHAUSTED USE 6600190-001 -----	1	G	
	6600190-001	• VALVE ASSY-EXTERNAL DEFOG & FOOTWARMER USE VENDOR ASSY NO 20C138-1			
	20C138-1	• VALVE ASSY-EXTERNAL DEFOG & FOOTWARMER REF SPEC CONTROL DWG 6600190-001 -----	1	H	
-7	2419032-001	• PLUNGER-DRAIN VALVE -----	1	J	
-8	2314169-001	• SPRING-DRAIN VALVE -----	1	J	
-9	MS9068-013	• GASKET-O RING -----	1	K	
-10	2419031-001	• BODY-DRAIN VALVE -----	1	J	
	AN919-6D	• REDUCER-DRAIN VALVE -----	1	L	
-11	2419010-005	• TUBE ASSEMBLY-DRAIN -----	1	A	
-12	2419028-001	• BOSS-DRAIN -----	1	A	
-13	SLOOT-5-13	• SLEEVE -----	AR	A	
	AN737TW48	A • CLAMP -----	AR	A	
-14	2319148-114	• TUBE-EXTERNAL DEFOG & FOOTWARMER -----	1	B	
	2481039-047	• TUBE-EXTERNAL DEFOG & FOOTWARMER -----	1	C	
-15	2319148-108	• TUBE-EXTERNAL DEFOG & FOOTWARMER -----	1	A	
-16	2419010-004	• DUCT-FOOTWARMER -----	1	A	
	AN737TW36	A • CLAMP -----	2	A	
-17	2419024-001	• TUBE ASSEMBLY-FOOTWARMER -----	1	A	
-18	2419010-002	• DUCT-FOOTWARMER -----	1	A	
	AN737TW36	A • CLAMP -----	1	A	
-19	2419010-003	• DUCT-FOOTWARMER -----	1	A	
	AN737TW36	A • CLAMP -----	1	A	
-20	2419027-003	• GASKET -----	1	A	
-21	AN3-5A	• BOLT -----	4	A	
	AN3-6A	• BOLT -----	2	A	
	AN960C10L	• WASHER -----	12	A	
	2419216-002	• WASHER -----	12	A	
	MS20364-1032	• NUT -----	6	A	
-21A	2419016-023	• TUBE-EXTERNAL DEFOG -----	1	A	
-22	2419011-012	• TUBE ASSEMBLY-EXTERNAL DEFOG -----	1	A	
-22A	LMC3A70	• BLANKET-EXTERNAL DEFOG TUBE ASSY -----	1	A	
-23	SLOOT-4-13	• SLEEVE -----	2	A	
	AN737TW36	A • CLAMP -----	4	A	
-24	2419015-001	• NOZZLE ASSY-DEFOG LH WHEN EXHAUSTED USE 2419015-025 -----	1	A	
	2419015-025	• NOZZLE ASSY-DEFOG LH -----	1	M	
-25	2419015-002	• NOZZLE ASSY-DEFOG RH WHEN EXHAUSTED USE 2419015-026 -----	1	A	
	2419015-026	A • NOZZLE ASSY-DEFOG RH -----	1	N	
	NAS221C-11	A • SCREW -----	12	A	
	NAS221C-12	A • SCREW -----	6	A	
	NAS221C-29	A • SCREW -----	1	A	
	NAS221C-30	A • SCREW -----	1	A	
	AN960D10	A • WASHER -----	AR	A	
	AN960D10L	A • WASHER -----	AR	A	
	MS21043-3	A • NUT -----	AR	A	
-26	6600141-001	• THERMOSTAT-LO LIMIT USE VENDOR ASSY NO 3100-114-1 OR 20601-000-00			
	3100-114-1	• THERMOSTAT-LO LIMIT ALT FOR 20601-000-00 REF SPEC CONTROL DWG 6600141-001 -----	2	A	
	20601-000-00	• THERMOSTAT-LO LIMIT ALT FOR 3100-114-1 REF SPEC CONTROL DWG 6600141-001 -----	2	A	
-27	6600141-003	• THERMOSTAT-HI LIMIT USE VENDOR ASSY NO 3100-114-3 OR 20601-000-01			
	3100-114-3	• THERMOSTAT-HI LIMIT ALT FOR CONTINUED			
		A---ATTACHING PARTS			

LIMITED EFFECTIVITY Serial Code A

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
108B-		20601-000-01 REF SPEC CONTROL DWG 6600141-003 -----	2	A	
	20601-000-01	. THERMOSTAT-HI LIMIT ALT FOR 3100-114-3 REF SPEC CONTROL DWG 6600141-003 -----	2	A	
	NAS601-8	A . SCREW -----	8	A	
	NAS549-6	A . WASHER -----	8	A	
-28	2319148-100	. TUBE ASSEMBLY-CONDITIONED AIR -----	1	A	
-29	SCEATS-4-212-6	. DUCT-CONDITIONED AIR -----	1	A	
	AN737TW38	A . CLAMP -----	2	A	
-30	2419102-008	. MANIFOLD ASSEMBLY-DEFOG INTERIOR -----	1	A	
	MS21919DG16	A . CLAMP -----	2	A	
	AN515-8R8	A . SCREW -----	2	A	
	MS20365-832	A . NUT -----	2	A	
-31	2419101-009	. TUBE ASSEMBLY-DEFOG DIFFUSER LH -----	1	A	
-32	2419101-008	. TUBE ASSEMBLY-DEFOG DIFFUSER RH -----	1	A	
	2419101-012	. RETAINER-CENTER POST COVER -----	1	A	
	AN5258832R6	A . SCREW -----	3	A	
-33	2419101-015	. DUCT-FOOTWARMER CONDITIONED AIR -----	1	A	
	AN737TW38	A . CLAMP -----	2	A	
-34	2319220-029	. TUBE ASSY-FOOTWARMER COND AIR -----	1	A	
	NAS221-8	A . SCREW -----	2	A	
	AN960D10	A . WASHER -----	2	A	
		A 003 & ON WHEN A/C IS EQUIPPED FOR ICE OPERATION			
		B 003 & ON WHEN A/C IS EQUIPPED FOR ICE OPERATION EXCEPT 012 & 031			
		C 012 & 031 WHEN EQUIPPED FOR ICE OPERATION			
		D USED WHEN 2419023-002 PUSH PULL CONTROL IS INSTALLED			
		E USED WHEN 653-006-122 PUSH PULL CONTROL IS INSTALLED			
		F SPARE FOR 2419016-025 VALVE ASSY			
		G SPARE FOR 2419016-033 VALVE ASSY			
		H SPARE FOR 2419016-034 VALVE ASSY			
		J COMPONENT OF 2419016-025 & -033 VALVE ASSY			
		K COMPONENT OF 2419016-025, -033 & -034 VALVE ASSYS			
		L COMPONENT OF 2419016-034 VALVE ASSY			
		M SPARE FOR 2419015-001 NOZZLE ASSY			
		N SPARE FOR 1419015-002 NOZZLE ASSY			
		A---ATTACHING PARTS			

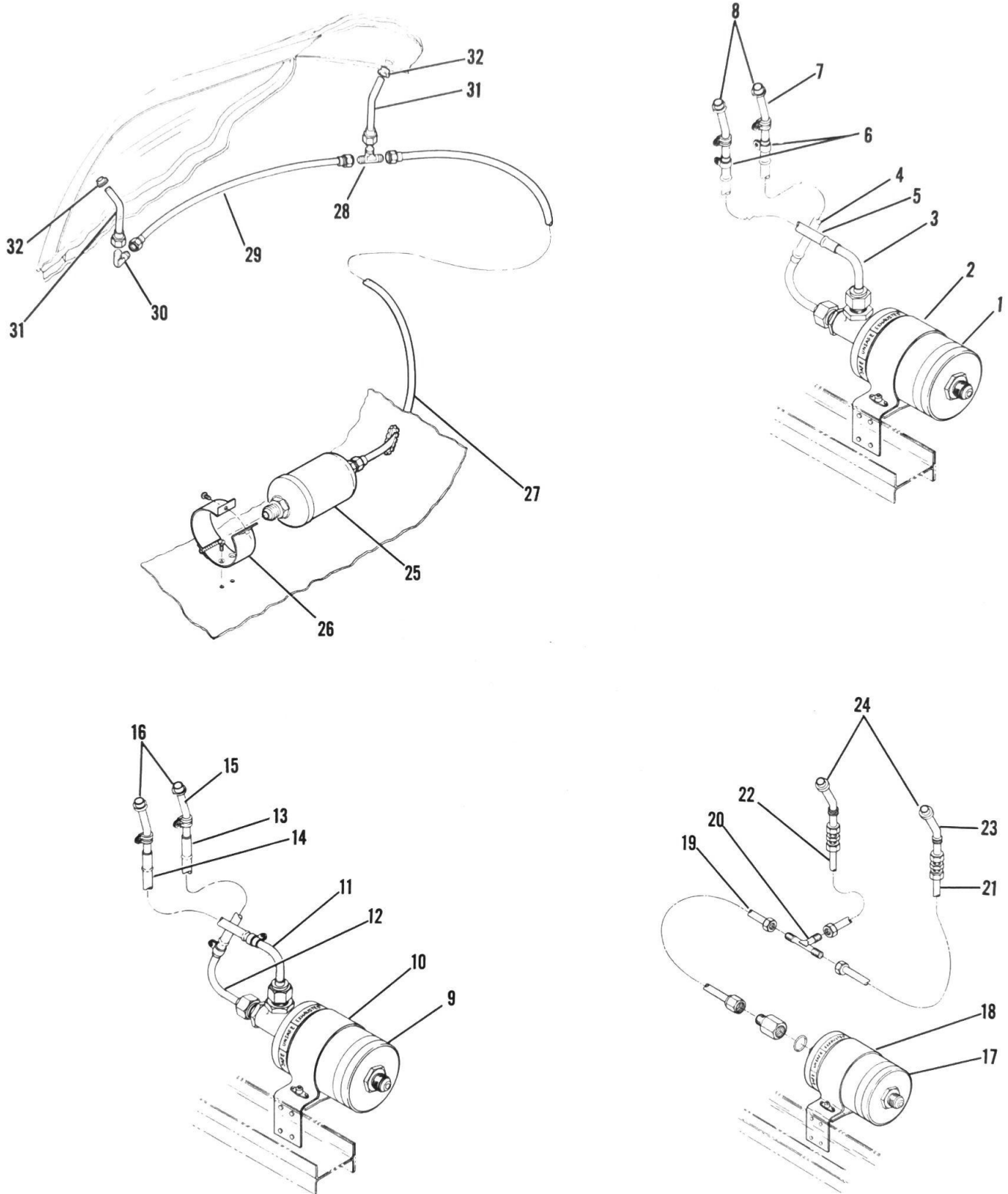


Figure 109. Defog Dehumidifier Installation

13-24C-1  
 13-10C  
 13-10C  
 13-24C

LIMITED EFFECTIVITY Serial Code E

MODEL 23

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
109 -		DEFOG DEHUMIDIFIER INSTALLATION	1	E	
-1		• DEFOG DEHUMIDIFIER INSTALLATION -----	1	A	
-2	2319156-001	• • DRYER ASSY-INDICATOR LOCATED	1	A	
	1331-163C	INSTRUMENT PANEL -----	1	A	
	AN938-6D	A • • CLAMP ASSEMBLY -----	1	A	
	MS28778-6	• • • ELEMENT ASSY-INDICATOR DRYER -----	1	A	
	AN919-6D	• • • TEE -----	1	A	
-3	2319155-002	• • • PACKING-O RING -----	1	A	
	AN819-4D	• • • REDUCER -----	2	A	
	AN818-4D	• • • TUBE ASSEMBLY -----	1	A	
-4	2319152-004	• • • TUBE -----	1	A	
-5	2319152-003	• • • SLEEVE -----	1	A	
-6	AN742D4	• • • NUT -----	1	A	
	NAS220-8	• • TUBE-LH -----	1	A	
	MS20364-832	• • TUBE-RH -----	1	A	
	MS21919DG5	A • • CLAMP -----	2	A	
	NAS221-8	A • • SCREW -----	2	A	
	MS20364-1032	A • • NUT -----	1	A	
-7	2319154-001	A • • CLAMP-SUPPORT LH -----	1	A	
	MS21919DG4	A • • SCREW -----	1	A	
	NAS221-8	A • • NUT -----	2	A	
	MS20364-1032	A • • TUBE-INNER WINDSHIELD PORT -----	2	A	
-8	N5389	A • • CLAMP -----	2	A	
-9		• • PORT-INNER WINDSHIELD -----	2	A	
-10	2319174-002	• DEFOG DEHUMIDIFIER INSTALLATION -----	1	B	
	1331-163C	• • DRYER ASSY-INDICATOR LOCATED ON	1	B	
	AN938-6D	FLOOR UNDER COPILOT SEAT -----	1	B	
	MS28778-6	A • • CLAMP ASSEMBLY -----	1	B	
	AN919-6D	• • • ELEMENT ASSY-INDICATOR DRYER -----	1	B	
-11	2319155-007	• • • TEE -----	1	B	
	AN819-4D	• • • PACKING-O RING -----	3	B	
	AN818-4D	• • • REDUCER -----	2	B	
-12	2319155-006	• • • TUBE ASSEMBLY -----	1	B	
	AN819-4D	• • • TUBE -----	1	B	
	AN818-4D	• • • SLEEVE -----	1	B	
-13	2319174-004	• • • NUT -----	1	B	
-14	2319174-005	• • TUBE -----	1	B	
	MS21919DG5	• • TUBE -----	1	B	
	AN520-10R8	A • • CLAMP -----	4	B	
	AN960D10L	A • • SCREW -----	4	B	
	MS20365-1032	A • • WASHER -----	4	B	
-15	2319154-001	A • • NUT -----	4	B	
-16	N5389	• • TUBE-INNER WINDSHIELD PORT -----	2	B	
-17		• • PORT-INNER WINDSHIELD -----	2	B	
-18	2319174-002	• DEFOG DEHUMIDIFIER INSTALLATION -----	1	C	
	1331-163C	• • DRYER ASSEMBLY-INDICATOR LOCATED	1	C	
	AN934D6-4	ON FLOOR UNDER COPILOT SEAT -----	1	C	
	MS28778-6	A • • CLAMP ASSEMBLY -----	1	C	
-19	2319174-012	• • • ELEMENT ASSY-INDICATOR DRYER -----	1	C	
-20	264-NW-1/4	• • • REDUCER -----	1	C	
-21	2319174-014	• • • PACKING-O RING -----	1	C	
	AN819-4D	• • TUBE-ASSEMBLY -----	1	C	
	AN818-4D	• • TEE -----	1	C	
-22	2319174-015	• • TUBE ASSEMBLY -----	1	C	
	AN819-4D	• • TUBE -----	1	C	
	AN818-4D	• • SLEEVE -----	2	C	
	262-NW-1/4	• • NUT -----	2	C	
-23	2319154-002	• • TUBE ASSEMBLY -----	1	C	
	AN819-4D	• • TUBE -----	2	C	
	AN818-4D	• • SLEEVE -----	2	C	
-24	N5389	• • NUT -----	4	C	
-25	249-1002-001	• • PORT-INNER WINDSHIELD -----	2	C	
-26	2319174-018	• DEFOG DEHUMIDIFIER INSTALLATION -----	1	D	
-27	2319174-012	• • DRYER ASSEMBLY -----	1	D	
-28	264-NW-1/4	A • • CLAMP ASSEMBLY -----	1	D	
-29	2319174-014	• • TUBE ASSEMBLY -----	1	D	
	AN819-4D	• • TEE -----	1	D	
		• • TUBE -----	1	D	
		• • SLEEVE -----	2	D	
CONTINUED					
A---ATTACHING PARTS					

LIMITED EFFECTIVITY Serial Code E



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
109 -	AN818-4D	. . . NUT -----	2	D	
-30	265-NW-1/4	. . . ELBOW -----	1	D	
-31		. . . TUBE ASSEMBLY--INNER WINDSHIELD PORT -----	2	D	
	2319154-003	. . . TUBE -----	1	D	
	AN819-4D	. . . SLEEVE -----	1	D	
	AN818-4D	. . . NUT -----	1	D	
-32	N5389	. . . PORT--INNER WINDSHIELD -----	2	D	
		A 003 THRU 014 EXCEPT A/C MOD PER SK23-127 OR ECR 233			
		B 015 THRU 032 EXCEPT A/C MOD PER SK23-127 ECR 233, ECR 277 OR ECR 381			
		C 033 THRU 044 EXCEPT A/C MOD PER SK23-127, ECR 233 OR ECR 227			
		D 045 & ON & A/C MOD PER SK 23-127 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381			
		E 003 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381			
		A---ATTACHING PARTS			

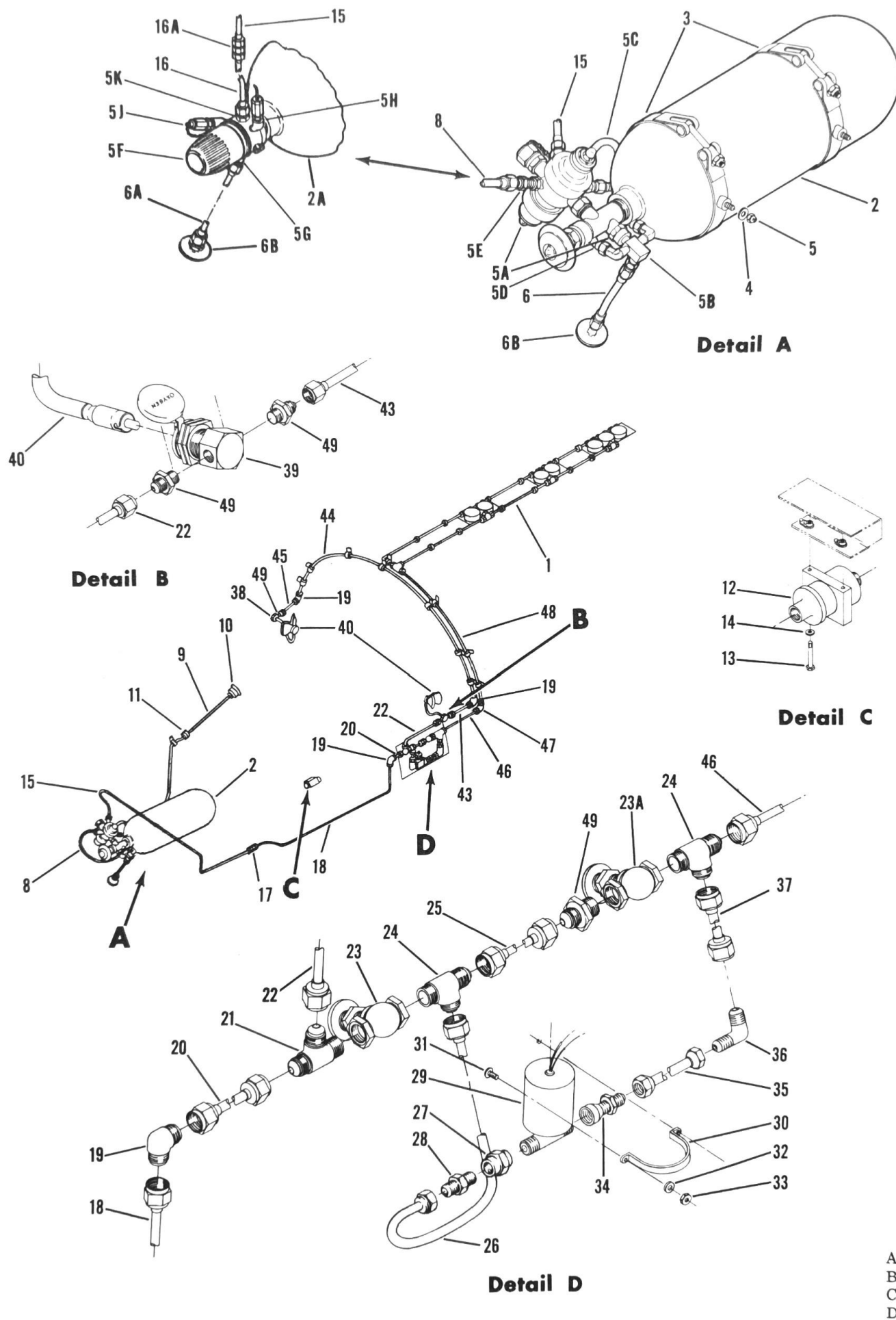
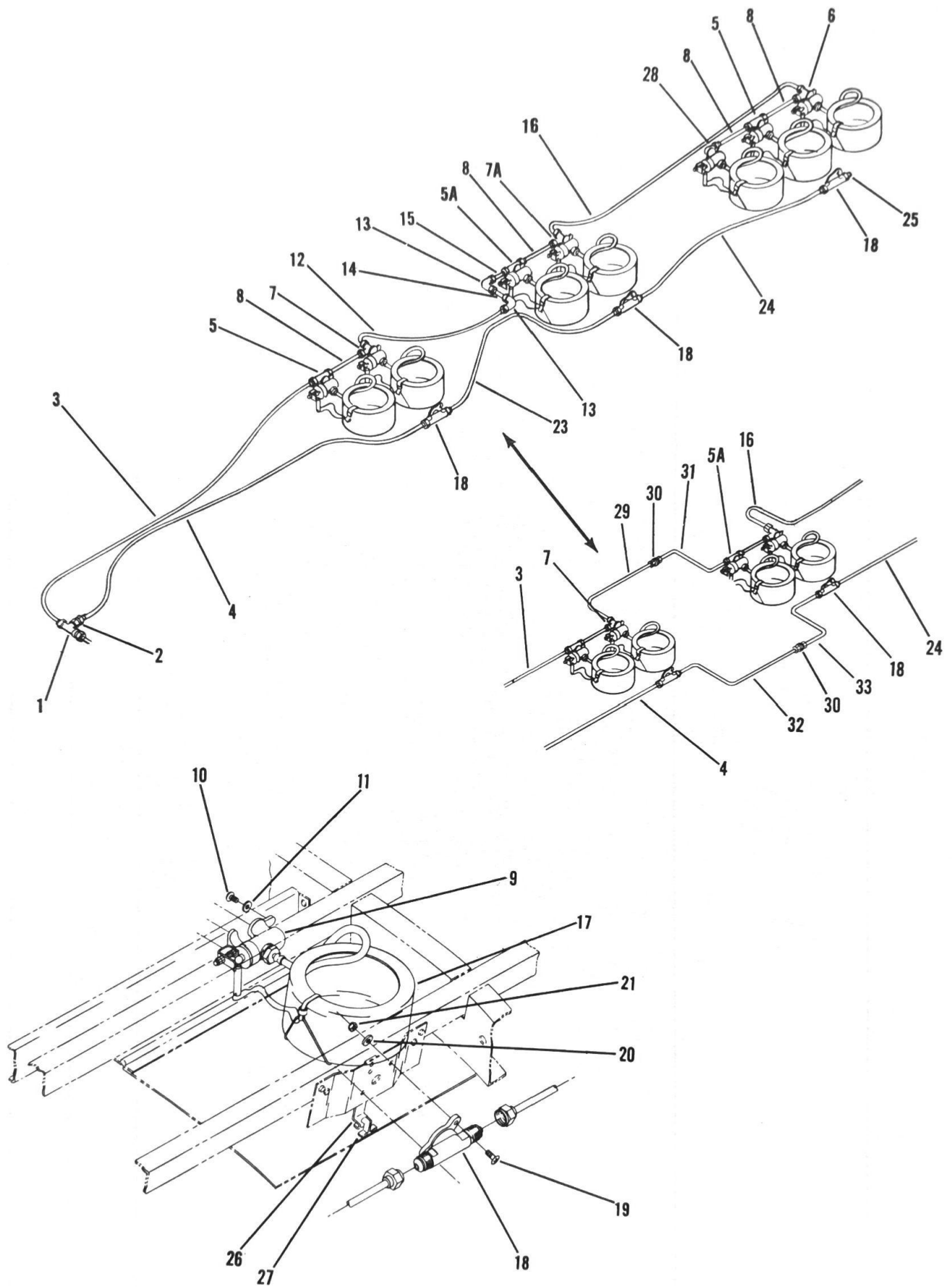


Figure 110. Oxygen System Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
110 -		OXYGEN SYSTEM INSTALLATION			
-1	SEE FIGURE 111	• MASK & CEILING PLUMBING INSTL-OXYGEN -----	1		
-2	2319068-001	• CYLINDER & REGULATOR ASSY-OXYGEN -----	1	V	
-2A	ZC384-1	• CYLINDER & REGULATOR ASSY-OXYGEN FOR SPARES USE 2481068-001 -----	1	W	
	2481068-001	• CYLINDER & REGULATOR ASSY-OXYGEN -----	1	X	
-3	STU12-675-2-3A	A • CLAMP ASSEMBLY -----	2		
	901-675-2-3A	A • CLAMP ASSEMBLY ALTERNATE FOR STU12-675-2-3A -----	2		
-4	AN960D10L	A • WASHER -----	2		
-5	MS20365-1032	A • NUT -----	2		
	999-1302B	• • REGULATOR ASSY BIRD SPACE TECH -----	1	AE	
-5A	15971021	• • • CAP-BURST DISC -----	1	AE	
	16621022	• • • DISC -----	1	AE	
	16600338	• • • RING-DISC RETAINING -----	1	AE	
-5B	9991302C	• • BLOCK ASSY-3 WAY -----	1	AE	
-5C	2319068-005	• • TUBE ASSY -----	1	AE	
-5D	2319068-003	• • TUBE ASSY -----	1	AE	
-5E	2319068-007	• • FITTING ASSY-GAGE PORT -----	1	AE	
	2481068-003	• • REGULATOR & FITTING ASSY -----	1	AF	
	ZR339-1	• • REGULATOR & FITTING ASSY ALT FOR 2481068-003 -----	1	AF	
-5F	ZR807	• • • REGULATOR ASSY ZEP AERO -----	1	AF	
-5G	ZF715-1	• • • FITTING ASSY-OVERBOARD DISCHARGE -----	1	AF	
	Z7717	• • • • FITTING-OUTLET -----	1	AF	
	Z820	• • • • RETAINER-DISC -----	1	AF	
	1409-38	• • • • DISC-SAFETY -----	1	AF	
	F376-1024-2	• • • • WASHER -----	1	AF	
-5H	ZF304	• • • FITTING-GAGE PORT -----	1	AF	
-5J	ZV906	• • • VALVE-CHARGE -----	1	AF	
-5K	AN816-5D	• • • NIPPLE-SUPPLY PORT -----	1	AF	
-6	2381244-011	• TUBE ASSEMBLY-OVERBOARD DISCHARGE -----	1	K	
	2319055-014	• TUBE ASSEMBLY-OVERBOARD DISCHARGE -----	1	L	
-6A	2481067-008	• TUBE ASSEMBLY-OVERBOARD DISCHARGE -----	1	Y	
	2481067-010	• TUBE ASSEMBLY-OVERBOARD DISCHARGE -----	1	Z	
-6B	Z0817800-3	• INDICATOR-OVERBOARD DISCHARGE -----	1		
	Z081750-3	• • KIT-INDICATOR DISC REPLACEMENT -----	1		
-8	Z680-66	• TUBE-CAPILLARY PRESSURE GAGE -----	1		
-9	Z680-44	• TUBE-CAPILLARY PRESSURE GAGE -----	1		
	558-284-44	• TUBE-CAPILLARY PRESSURE GAGE ALT FOR Z680-44 -----	1		
-10	SEE FIGURE 41	• GAGE-OXYGEN CYLINDER PRESSURE -----	REF	H	
	SEE FIGURE 42	• GAGE-OXYGEN CYLINDER PRESSURE -----	REF	J	
	SEE FIGURE 42A	• GAGE-OXYGEN CYLINDER PRESSURE -----	REF	P	
-11	ZF432	• UNION -----	1		
-12	44A119	• SWITCH-ANEROID PSW10 -----	1		
-13	AN3-17A	A • BOLT -----	2		
-14	AN960D10L	A • WASHER -----	2		
	MS20365-1032	A • NUT -----	2	027	
-15	2381244-008	• TUBE ASSEMBLY -----	1	K	
	2319057-103	• TUBE ASSEMBLY -----	1	L	
-16	2481067-006	• TUBE ASSEMBLY -----	1	W	
-16A	AN815-5D	• UNION -----	1	W	
-17	AN832-5D	• UNION -----	1		
	AN960-816	• WASHER -----	1		
	AN924-5D	• NUT -----	1		
-18	2319057-014	• TUBE ASSEMBLY -----	1	A	
	2381176-003	• TUBE ASSEMBLY -----	1	C	
	2319057-063	• TUBE ASSEMBLY -----	1	B	
	2319057-107	• TUBE ASSEMBLY -----	1	D	
-19	265-NW-5/16	• ELBOW -----	3	E	
	AN821-5D	• ELBOW -----	3	D	
-20	2319057-043	• TUBE ASSEMBLY -----	1	A	
	2381176-004	• TUBE ASSEMBLY -----	1	C	
	2319057-064	• TUBE ASSEMBLY -----	1	B	
	2319057-072	• TUBE ASSEMBLY -----	1	D	
-21	AN826-5D	• TEE -----	1		
-22	2319057-015	• TUBE ASSEMBLY -----	1	E	
	2319057-080	• TUBE ASSEMBLY -----	2	D	
-23	ZV902	• VALVE-NORMAL PASS OXY -----	1	003	034
	ZV902B	• VALVE-NORMAL PASS OXY FOR SPARES ORDER 2414141-002 -----	1	035	
	ZV902B-1	• VALVE-NORMAL PASS OXY ALT FOR ZV902B -----	1	035	
	2414141-002	• VALVE-NORMAL PASS OXY WHEN EXHAUSTED USE ZV936-2 -----	1	Q	
	ZV936-2	• VALVE-NORMAL PASS OXY -----	1	AA	
	2414141-004	• • KNOB-NORMAL PASS OXY VALVE -----	1	R	
	ZV936-5	• • KNOB-NORMAL PASS OXY VALVE ALT FOR 2414141-004 -----	1	AB	
-23A	ZV902	• VALVE-MANUAL TO AUTO -----	1	003	034
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
110 -	ZV9028	. VALVE-MANUAL TO AUTO FOR SPARES ORDER 2414141-001 -----	1	035	
	ZV9028-1	. VALVE-MANUAL TO AUTO ALT FOR ZV9028 -----	1	035	
	2414141-001	. VALVE-MANUAL TO AUTO WHEN EX- HAUSTED USE ZV936-1 -----	1	Q	
	ZV936-1	. VALVE-MANUAL TO AUTO -----	1	AC	
	2414141-003	. . KNOB-MANUAL TO AUTO VALVE -----	1	S	
	ZV936-4	. . KNOB-MANUAL TO AUTO VALVE ALT FOR 2414141-003 -----	1	AD	
-24	AN826-5D	. TEE -----	2		
-25	2319057-045	. TUBE ASSEMBLY -----	1	E	
	2319057-087	. TUBE ASSEMBLY -----	1	D	
-26	2319057-047	. TUBE ASSEMBLY -----	1	E	
	2319057-083	. TUBE ASSEMBLY -----	1	D	
-27	269-NW-5/16X1/4	. ELBOW -----	1	F	
	270-NW-5/16X1/4	. ELBOW -----	1	G	
	AN910-2D	. COUPLING -----	1	D	
-28	AN816-5-4D	. NIPPLE -----	1	D	
-29	ZV903	. VALVE-SOLENOID B23 -----	1	003	003
	ZV911	. VALVE-SOLENOID B23 -----	1	004	
-30	MS21315-36	A . CLAMP -----	1	003	003
	MS21315-32	A . CLAMP -----	1	005	049
-31	AN507-632-6	A . SCREW -----	2		049
-32	AN960D6L	A . WASHER -----	2		049
-33	MS20365-632	A . NUT -----	2		049
-34	268-NW-5/16X1/4	. ADAPTER -----	1	003	003
	266-NW-5/16X1/4	. ADAPTER -----	1	004	
-35	2319057-051	. TUBE ASSEMBLY -----	1		
-36	265-NW-5/16	. ELBOW -----	1		
-37	2319057-049	. TUBE ASSEMBLY -----	1		
-38	AN932-2D	. PLUG -----	1		
-39	Z677	. VALVE-OUTLET -----	2		
	Z808	. VALVE-OUTLET ALT FOR Z677 -----	2		
		. MASK & HOLDER INSTALLATION-CREW OXYGEN -----	1		
-40	ZMR158	. . MASK ASSY-CREW OXYGEN -----	2		
	2313203-003	. . HOLDER-OXYGEN MASK -----	2		015
	2313203-007	. . HOLDER-OXYGEN MASK LH WHEN EXHAUSTED USE 2313203-012 -----	1	016	
	2313203-008	. . HOLDER-OXYGEN MASK RH WHEN EXHAUSTED USE 2313203-012 -----	1	016	
	2313203-012	. . HOLDER-OXYGEN MASK -----	2	U	
	AN509C8R10	A . . SCREW -----	AR		
-43	2319057-017	. TUBE ASSEMBLY -----	1	E	
	2319057-078	. TUBE ASSEMBLY -----	1	D	
-44	2319057-055	. TUBE ASSEMBLY -----	1	E	
	2319057-075	. TUBE ASSEMBLY -----	1	D	
-45	2319057-053	. TUBE ASSEMBLY -----	1	E	
	2319057-076	. TUBE ASSEMBLY -----	1	D	
-46	2319057-019	. TUBE ASSEMBLY -----	1		
-47	265-NW-5/16	. ELBOW -----	1		
-48	2319057-021	. TUBE ASSEMBLY -----	1		
-49	AN816-5D	. NIPPLE -----	4		
		A 003 THRU 014 EXCEPT A/C MOD PER SK23-152			
		B 015 THRU 049 EXCEPT A/C MOD PER SK23-152			
		C 003 THRU 014 WHEN MOD PER SK23-152			
		D 050 & ON & A/C MOD PER SK23-152			
		E 003 THRU 049 EXCEPT A/C MOD PER SK23-152			
		F 003 THRU 003 EXCEPT A/C MOD PER SK23-152			
		G 004 THRU 049 EXCEPT A/C MOD PER SK23-152			
		H 003 THRU 014 EXCEPT A/C MOD PER ECR 233			
		J 015 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381			
		K 003 THRU 014 EXCEPT A/C MOD PER ECR 233 OR SK23/24-222			
		L 015 & ON & A/C MOD PER SK23/24-222 EXCEPT A/C MOD PER SK23/24/25-330			
		P 003 & ON WHEN MOD PER ECR 233, ECR 230 ECR 227, ECR 277 OR ECR 381			
		Q SPARE FOR ZV9028 & ZV9028-1			
		R USED ON 2414141-002			
		S USED ON 2414141-001			
		U SPARE FOR 2313203-007 & 2313203-008			
		V 003 & ON EXCEPT A/C MOD PER SK23/24/25-330			
		W 003 & ON WHEN MOD PER SK23/24/25-330			
		X SPARE FOR ZC384-1			
		Y 003 THRU 010 & 013 & 014 WHEN MOD PER SK23/24/25-330			
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				1 2 3 4 5 6 7	THRU
110 -	Z	011, 012 & 015 & ON WHEN MOD PER SK23/24/25-330			
	AA	SPARE FOR ZV902B, ZV902B-1 OR 2414141-002			
	AB	USED ON ZV936-2			
	AC	SPARE FOR ZV902B, ZV902B-1 OR 2414141-001			
	AD	USED ON ZV936-1			
	AE	COMPONENT OF 2319068-001 CYLINDER & REGULATOR ASSY			
	AF	COMPONENT OF ZC384-1 & 2481068-001 CYLINDER & REGULATOR ASSY			
	A---ATTACHING PARTS				



Typical

13-23C  
13-23C-2  
13-3C

Figure 111. Oxygen Mask & Ceiling Plumbing Installation



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
111 -		OXYGEN MASK & CEILING PLUMBING INSTL			
-1	AN783D5	• TEE -----	1		
-2	AN919-3D	• REDUCER -----	1		
	3-ST	• GASKET-O RING -----	1		
-3	2314078-019	• TUBE ASSEMBLY -----	1		
	2381284-003	• TUBE ASSEMBLY -----	1	A	
-4	2314078-031	• TUBE ASSEMBLY -----	1	B	
	2381284-005	• TUBE ASSEMBLY -----	1	A	
-5	AN825-5D	• TEE -----	1	B	
-5A	AN825-5D	• TEE -----	2		
-6	AN826-5D	• TEE -----	1		
-7	AN825-5D	• TEE -----	1		
	AN826-5D	• TEE -----	1	C	
-7A	AN825-5D	• TEE -----	1	F	
	AN826-5D	• TEE -----	1	D	
-8	2314078-021	• TUBE ASSEMBLY -----	1	F	
	2381284-007	• TUBE ASSEMBLY -----	4	A	
-9	23809-30	• VALVE ASSEMBLY-OXYGEN SERVICE -----	4	B	
-10	AN515-6R6	A • SCREW -----	7		
-11	AN960D6L	A • WASHER -----	3		
-12	2314078-023	• TUBE ASSEMBLY -----	3		
	2314078-059	• TUBE ASSEMBLY -----	1	C	
-13	265-NW-5/16	• ELBOW -----	1	E	
-14	2314078-025	• TUBE ASSEMBLY -----	2	A	
-15	2314078-027	• TUBE ASSEMBLY -----	1	A	
-16	2314078-029	• TUBE ASSEMBLY -----	1	A	
	2314078-057	• TUBE ASSEMBLY -----	1	C	
	2381284-019	• TUBE ASSEMBLY -----	1	E	
-17	ZM578	• MASK & HOSE ASSY-OXYGEN -----	1	B	
-18	61582-20	• VALVE-ACTUATOR -----	7		
-19	AN515-6R6	A • SCREW -----	3		
-20	AN960D6L	A • WASHER -----	2		
-21	MS21042-06	A • NUT -----	2		
-23	2314078-033	• TUBE ASSEMBLY -----	2		
-24	2314078-035	• TUBE ASSEMBLY -----	1	A	
	2381284-017	• TUBE ASSEMBLY -----	1	A	
-25	AN929-4D	• CAP -----	1	B	
-26	2314078-011	• SPRING -----	1		
	2314078-060	• SPRING -----	3		
	AN515-6R8	A • SCREW -----	2	018	
	AN960D6L	A • WASHER -----	2		
-27	2314078-012	• CATCH -----	2		
-28	AN822-5D	• ELBOW -----	3		
-29	2381284-011	• TUBE ASSEMBLY -----	1		
-30	AN832-4D	• UNION -----	1	B	
	AN924-4D	• NUT -----	2	B	
-31	2381284-015	• TUBE ASSEMBLY -----	2	B	
-32	2381284-009	• TUBE ASSEMBLY -----	1	B	
-33	2381284-013	• TUBE ASSEMBLY -----	1	B	
		A 003 & ON EXCEPT A/C MOD PER SK23-241			
		B 003 & ON WHEN MOD PER SK23-241			
		C 003 THRU 006 EXCEPT A/C MOD PER SK23-241			
		D 003 THRU 006 EXCEPT A/C MOD PER SK23-241			
		E 007 & ON EXCEPT A/C MOD PER SK23-241			
		F 007 & ON & A/C MOD PER SK23-241			
		A---ATTACHING PARTS			

017

018

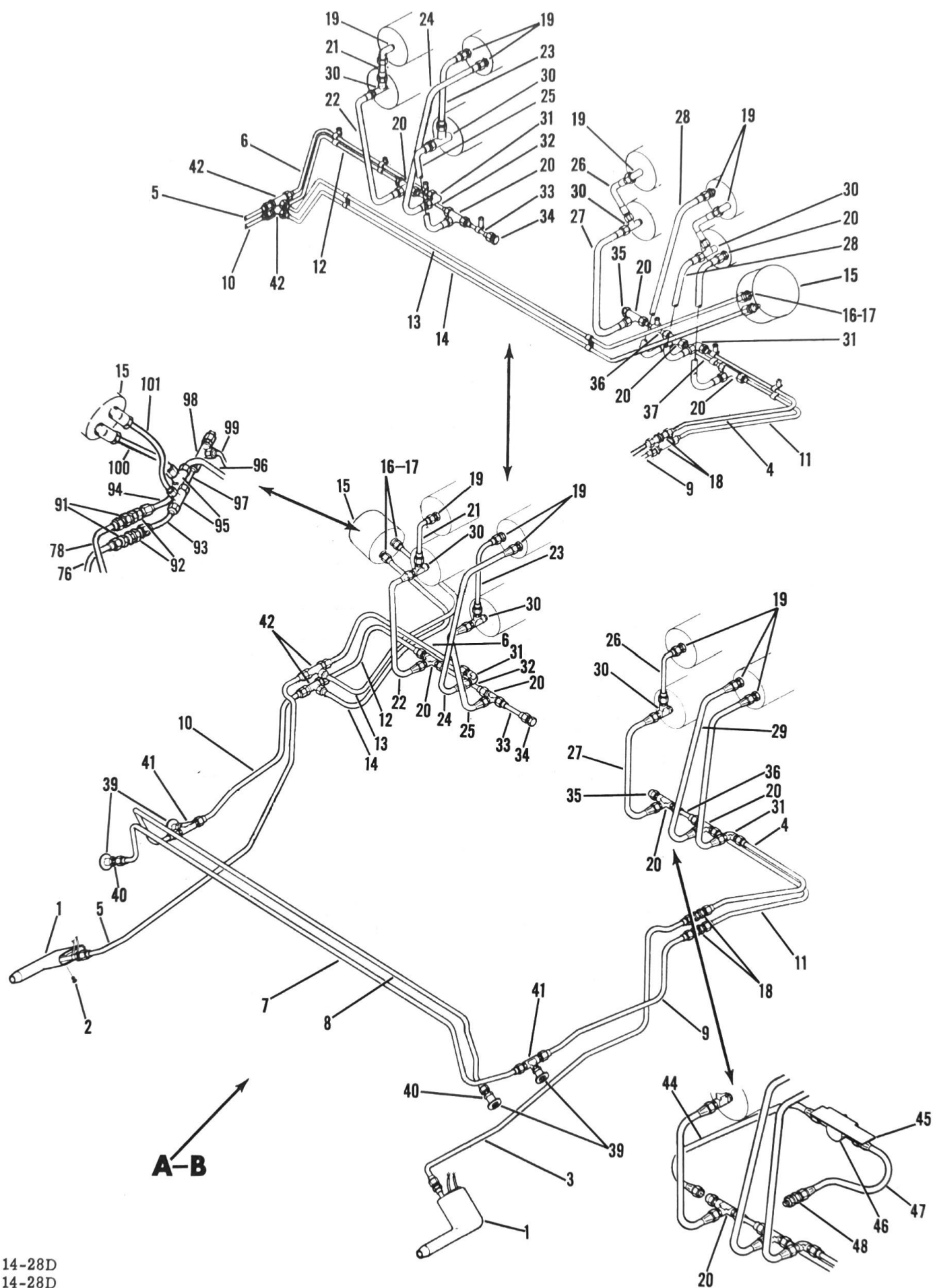
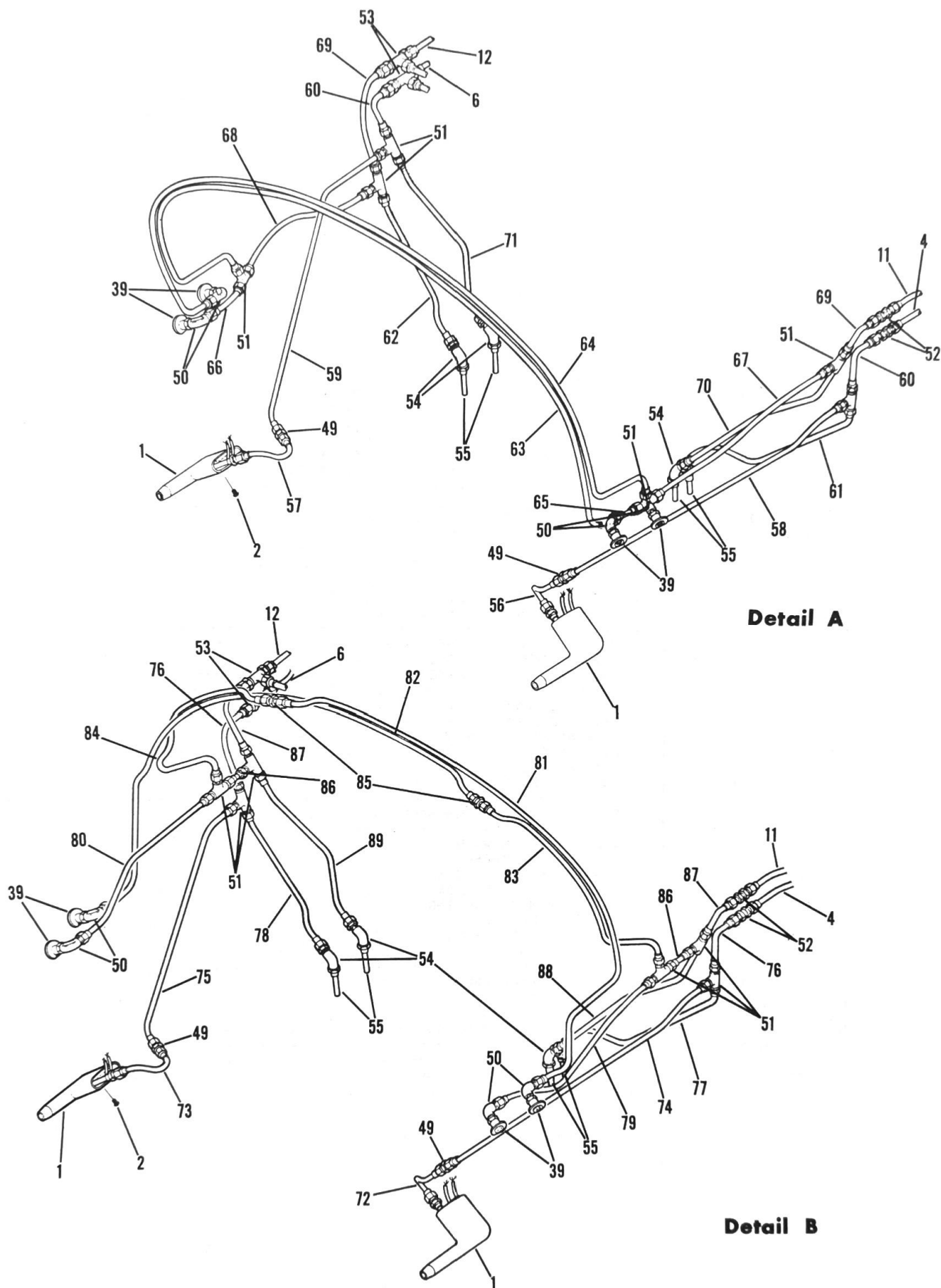


Figure 112. Pitot Static System Installation (Sheet 1 of 2)



A14-28D-3  
B14-28D-2

Figure 112. Pitot Static System Installation (Sheet 2 of 2)

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
112 -		PITOT STATIC SYSTEM INSTALLATION			
-1	AN5812-1	. PITOT TUBE ASSEMBLY -----	2		
	6600128-002	. . PITOT TUBE -----	1	AE	
	PH1100-1LJ	. . PITOT TUBE USE VENDOR ASSY NO PH1100-1LJ			
		. . PITOT TUBE REF SPEC CONTROL DWG 6600128-002 -----	1	AC	
-2	AN509PB64OR4	A . . SCREW -----	4		
	2314085-004	. . MAST ASSEMBLY -----	1	AE	
	2314085-005	. . MAST ASSEMBLY -----	1	AC	
-3	2314071-003	* . TUBE ASSEMBLY PITOT 1/4 IN OD -----	1	Q	
	2314071-048	* . TUBE ASSEMBLY PITOT 1/4 IN OD -----	1	S	
-4	2314071-005	* . TUBE ASSEMBLY PITOT 1/4 IN OD -----	1	N	
	2314251-012	* . TUBE ASSEMBLY PITOT 1/4 IN OD -----	1	P	
-5	2314071-006	* . TUBE ASSEMBLY PITOT 1/4 IN OD -----	1	Q	
	2314071-046	* . TUBE ASSEMBLY PITOT 1/4 IN OD -----	1	S	
-6	2314071-008	* . TUBE ASSEMBLY PITOT 1/4 IN OD -----	1	N	
	2314251-024	* . TUBE ASSEMBLY PITOT 1/4 IN OD -----	1	AB	
-7	2314071-017	* . TUBE ASSEMBLY STATIC 1/4 IN OD -----	1	Q	
	2314071-045	* . TUBE ASSEMBLY STATIC 1/4 IN OD -----	1	S	
-8	2314071-016	* . TUBE ASSEMBLY STATIC 1/4 IN OD -----	1	Q	
	2314071-047	* . TUBE ASSEMBLY STATIC 1/4 IN OD -----	1	S	
-9	2314071-012	* . TUBE ASSEMBLY STATIC 1/4 IN OD -----	1	Q	
	2314071-050	* . TUBE ASSEMBLY STATIC 1/4 IN OD -----	1	S	
-10	2314071-018	* . TUBE ASSEMBLY STATIC 1/4 IN OD -----	1	Q	
	2314071-043	* . TUBE ASSEMBLY STATIC 1/4 IN OD -----	1	S	
-11	2314071-013	* . TUBE ASSEMBLY STATIC 1/4 IN OD -----	1	Q	
	2381395-017	* . TUBE ASSEMBLY STATIC 1/4 IN OD -----	1	R	
	2314071-038	* . TUBE ASSEMBLY STATIC 1/4 IN OD -----	1	S	
	2314251-014	* . TUBE ASSEMBLY STATIC 1/4 IN OD -----	1	T	
-12	2314071-019	* . TUBE ASSEMBLY STATIC 1/4 IN OD -----	1	Q	
	2381395-039	* . TUBE ASSEMBLY STATIC 1/4 IN OD -----	1	R	
	2314071-042	* . TUBE ASSEMBLY STATIC 1/4 IN OD -----	1	S	
	2314251-046	* . TUBE ASSEMBLY STATIC 1/4 IN OD -----	1	AD	
-13	2314071-011	* . TUBE ASSEMBLY -----	1	B	
	2314071-052	* . TUBE ASSEMBLY -----	1	D	
	2314071-054	* . TUBE ASSEMBLY PITOT 1/4 IN OD -----	1	U	
	2381395-043	* . TUBE ASSEMBLY PITOT 1/4 IN OD -----	1	V	
	2314071-130	* . TUBE ASSEMBLY PITOT 1/4 IN OD -----	1	W	
	2314251-044	* . TUBE ASSEMBLY PITOT 1/4 IN OD -----	1	X	
-14	2314071-020	* . TUBE ASSEMBLY -----	1	B	
	2314071-053	* . TUBE ASSEMBLY -----	1	D	
	2314071-055	* . TUBE ASSEMBLY STATIC 1/4 IN OD -----	1	U	
	2381395-041	* . TUBE ASSEMBLY STATIC 1/4 IN OD -----	1	V	
	2314071-129	* . TUBE ASSEMBLY STATIC 1/4 IN OD -----	1	W	
	2314251-042	* . TUBE ASSEMBLY STATIC 1/4 IN OD -----	1	X	
		. SWITCH INSTALLATION-MACH WARNING & CABIN PRESSURE -----	1		
-15	6600057-001	. . SWITCH-MACH WARNING USE VENDOR NO DRA76C-4			
	DRA76C-4	. . SWITCH-MACH WARNING REF SPEC CONTROL DWG 6600057-001 MT37 -----	1	J	
	6600098-003	. . SWITCH-MACH WARNING USE VENDOR NO DRA76C-6			
	DRA76C-6	. . SWITCH-MACH WARNING REF SPEC CONTROL DWG 6600098-003 WHEN EXHAUSTED USE DRA76C-8 MT37 -----	1	A	
	6600098-004	. . SWITCH-MACH WARNING USE VENDOR NO DRA76C-8			
	DRA76C-8	. . SWITCH-MACH WARNING REF SPEC CONTROL DWG 6600098-004 MT37 -----	1	AA	
	AN520-10R6	A . . SCREW -----	4		
	AN960D10L	A . . WASHER -----	4		
	GB-300-NA-87	. . SWITCH-CABIN PRESSURE PSW9 -----	1	F	
	A45C-9	. . SWITCH-CABIN PRESSURE PSW9 -----	1	G	
	AN515-4R5	A . . SCREW -----	2		
	AN960D4L	A . . WASHER -----	2		
-16	AN815-4D	. . UNION -----	2		
-17	MS28778-4	. . PACKING-O RING -----	2		
-18	AN832-4D	. UNION -----	2	N	
	AN924-4D	. NUT -----	2	N	
	MS28778-4	. PACKING-O RING -----	2	N	
-19	AN816-4D	. NIPPLE -----	AR		
-20	AN824-4D	. TEE -----	AR		
-21	2314050-021	. TUBE ASSEMBLY-ALTIMETER INDICATOR -----	1	B	
	2314091-011	. TUBE ASSEMBLY-ALTIMETER INDICATOR -----	1	K	
	2314130-006	. TUBE ASSEMBLY-ALTIMETER INDICATOR -----	1	A	
-22	AN6270-40-0130	. HOSE ASSEMBLY-RATE OF CLIMB -----	1		
-23	2314050-019	. TUBE ASSEMBLY-AIRSPEED INDICATOR -----	1	B	
	2314091-009	. TUBE ASSEMBLY-AIRSPEED INDICATOR -----	1	D	
	2314091-015	. TUBE ASSEMBLY-AIRSPEED INDICATOR -----	1	E	
		CONTINUED			
		A---ATTACHING PARTS			

MODEL 23

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
112 -	2314130-008	• TUBE ASSEMBLY-AIRSPD INDICATOR	1	A	
-24	AN6270-4D-0130	• HOSE ASSEMBLY-AIRSPD INDICATOR	1		
-25	AN6270-4D-0130	• HOSE ASSEMBLY-CABIN ALTITUDE IND	1		
-26	2314050-028	• TUBE ASSEMBLY-ALTIMETER	1	B	
	2314091-007	• TUBE ASSEMBLY-ALTIMETER	1	K	
	2314130-004	• TUBE ASSEMBLY-ALTIMETER	1	A	
-27	AN6270-4D-0130	• HOSE ASSEMBLY-RATE OF CLIMB INDICATOR	1		
-28	AN6270-4D-#	• HOSE ASSEMBLY-ALTIMETER	2	B	
	AN6270-4D-#	• HOSE ASSEMBLY-MACH METER	2	B	
-29	AN6270-4D-0170	• HOSE ASSEMBLY-AIRSPD & MACH METER	2		
-30	AN826-4D	• TEE	AR		
-31	AN821-4D	• ELBOW	2		
-32	2314071-033	• TUBE ASSEMBLY	1	B	
	2314251-066	• TUBE ASSEMBLY	1	C	
-33	2314071-030	• TUBE ASSEMBLY	1	B	
	2314071-040	• TUBE ASSEMBLY	1	C	
-34	AN806-04	• PLUG	1		
-35	AN929-4	• CAP	1	L	
-36	2314071-032	• TUBE ASSEMBLY	1	B	
	2314251-064	• TUBE ASSEMBLY	1	C	
-37	2314071-015	• TUBE ASSEMBLY	1	B	
-38	SEE FIGURE 100	• CABIN SAFETY VALVE INSTALLATION	REF		
-39	2314084-003	• BUTTON-STATIC PORT	4	N	
	2314252-001	• STATIC PORT ASSY-HEATED MT75 THRU MT78	4	P	
-40	AN815-4D	• UNION STATIC PORT	2	N	
	MS28778-4	• PACKING-O RING STATIC PORT	2	N	
-41	AN834-4D	• TEE STATIC PORT	2	N	
	AN924-4D	• NUT STATIC PORT	2	N	
	MS28778-4	• PACKING-O RING STATIC PORT	2	N	
-42	AN804D4	• TEE	2	N	
	AN924-4D	• NUT	2	N	
	MS28778-4	• PACKING-O RING	2	N	
-43	SEE FIGURE 100	• VALVE INSTL-MANUAL DUMP	REF		
		• ALTERNATE STATIC SOURCE INSTL-INSTR	1	M	
-44	AN6270-4D-0090	• HOSE ASSEMBLY	1	M	
-45	2381396-002	• BRACKET-VALVE	1	M	
-46	2381396-003	• VALVE-ALTERNATE STATIC SOURCE	1	M	
	MS21919DG10	• CLAMP	2	M	
	AN520810R8	• SCREW	2	M	
	MS20365-1032	• NUT	2	M	
-47	AN6270-4D-0170	• HOSE ASSEMBLY	1	M	
-48	AN832-4D	• UNION	1	M	
	S-140-4	• WASHER	1	M	
	AN924-4D	• NUT	1	M	
-49	AN919-6D	• REDUCER	2	AB	
	AN821-6D	• ELBOW	2	AC	
-50	AN833-6D	• ELBOW	4	P	
	MS28778-6	• PACKING-O RING	4	P	
	AN924-6D	• NUT	4	P	
	AN834-6D	• TEE	6	P	
-51	AN832-6D	• UNION	2	P	
-52	S-140-6	• WASHER	2	P	
	AN924-6D	• NUT	2	P	
	NAS1564D6-4	• REDUCER	2	P	
	AN818-6D	• NUT	2	P	
-53	AN804D4	• TEE	2	AB	
	S-140-6	• WASHER	2	AB	
	AN924-6D	• NUT	2	AB	
	NAS1564D6-4	• REDUCER	2	AB	
	AN818-6D	• NUT	2	P	
-54	AN941D4	• ELBOW	4	P	
	AN941-4	• ELBOW ALT FOR AN941D4	4	P	
	AN919-6D	• REDUCER	4	P	
	MS28778-4	• PACKING-O RING	8	P	
-55	2380065-001	• VALVE-DRAIN	4	P	
-56	2381395-033	• TUBE ASSEMBLY PITOT 1/4 IN OD	1	R	
-57	2381395-035	• TUBE ASSEMBLY PITOT 1/4 IN OD	1	R	
-58	2381395-025	• TUBE ASSEMBLY PITOT 3/8 IN OD	1	R	
-59	2381395-027	• TUBE ASSEMBLY PITOT 3/8 IN OD	1	R	
-60	2381395-013	• TUBE ASSEMBLY PITOT 3/8 IN OD	2	R	
-61	2381395-009	• TUBE ASSY PITOT DRAIN 3/8 IN OD	1	R	
-62	2381395-011	• TUBE ASSY PITOT DRAIN 3/8 IN OD	1	R	
-63	2381395-029	• TUBE ASSEMBLY STATIC 3/8 IN OD	1	R	
-64	2381395-031	• TUBE ASSEMBLY STATIC 3/8 IN OD	1	R	
-65	2381395-045	• TUBE ASSEMBLY STATIC 3/8 IN OD	1	R	
-66	2381395-047	• TUBE ASSEMBLY STATIC 3/8 IN OD	1	R	
-67	2381395-021	• TUBE ASSEMBLY STATIC 3/8 IN OD	1	R	
-68	2381395-023	• TUBE ASSEMBLY STATIC 3/8 IN OD	1	R	
-69	2381395-019	• TUBE ASSEMBLY STATIC 3/8 IN OD	1	R	
-70	2381395-005	• TUBE ASSY STATIC DRAIN 3/8 IN OD	1	R	

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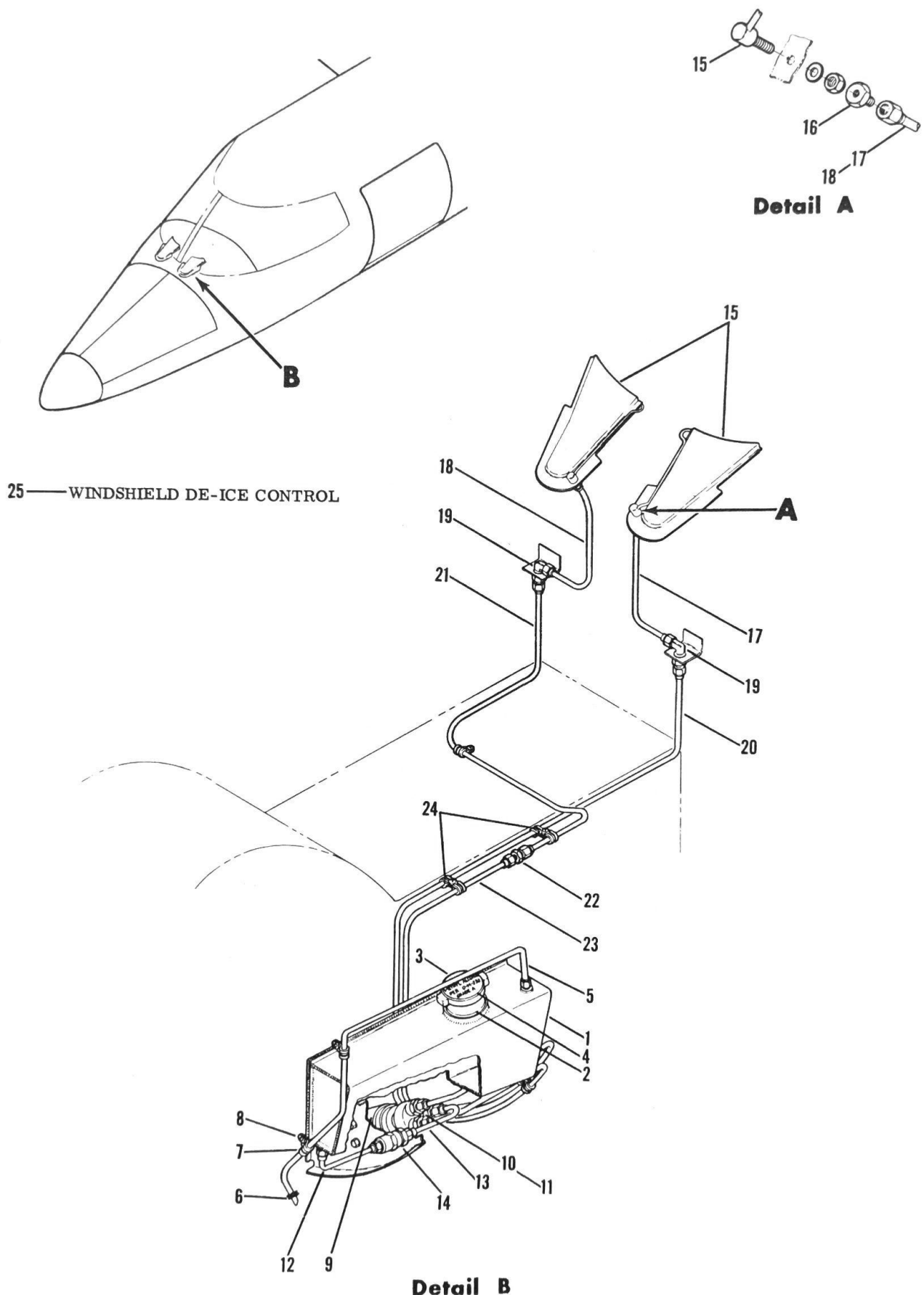
A---ATTACHING PARTS



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
112 -71	2381395-007	+ . TUBE ASSY STATIC DRAIN 3/8 IN OD -----	1	R	
-72	2314251-038	* . TUBE ASSEMBLY PITOT 1/4 IN OD -----	1	AD	
-73	2314251-040	* . TUBE ASSEMBLY PITOT 1/4 IN OD -----	1	AD	
-74	2314251-018	+ . TUBE ASSEMBLY PITOT 3/8 IN OD -----	1	AD	
	2314251-106	+ . TUBE ASSEMBLY PITOT 3/8 IN OD -----	1	AC	
-75	2314251-020	+ . TUBE ASSEMBLY PITOT 3/8 IN OD -----	1	AD	
	2314251-108	+ . TUBE ASSEMBLY PITOT 3/8 IN OD -----	1	AC	
-76	2314251-010	+ . TUBE ASSEMBLY PITOT 3/8 IN OD -----	2	T	
-77	2381395-049	+ . TUBE ASSY PITOT DRAIN 3/8 IN OD -----	1	Y	
	2314251-006	+ . TUBE ASSY PITOT DRAIN 3/8 IN OD -----	1	Z	
-78	2314251-008	+ . TUBE ASSY PITOT DRAIN 3/8 IN OD -----	1	T	
-79	2314251-034	+ . TUBE ASSEMBLY STATIC 3/8 IN OD -----	1	T	
-80	2314251-036	+ . TUBE ASSEMBLY STATIC 3/8 IN OD -----	1	T	
-81	2314251-030	+ . TUBE ASSEMBLY STATIC 3/8 IN OD -----	1	T	
-82	2314251-032	+ . TUBE ASSEMBLY STATIC 3/8 IN OD -----	1	T	
-83	2314251-026	+ . TUBE ASSEMBLY STATIC 3/8 IN OD -----	1	T	
-84	2314251-028	+ . TUBE ASSEMBLY STATIC 3/8 IN OD -----	1	T	
-85	AN815-6D	. UNION -----	2	T	
-86	2314251-022	+ . TUBE ASSEMBLY STATIC 3/8 IN OD -----	2	T	
-87	2314251-016	+ . TUBE ASSEMBLY STATIC 3/8 IN OD -----	2	T	
-88	2381395-015	+ . TUBE ASSY STATIC DRAIN 3/8 IN OD -----	1	Y	
	2314251-002	+ . TUBE ASSY STATIC DRAIN 3/8 IN OD -----	1	Z	
-89	2314251-004	+ . TUBE ASSY STATIC DRAIN 3/8 IN OD -----	1	T	
-90	SEE FIGURE 48A				
	SEE FIGURE 47				
	SEE FIGURE 48				
-91	AN832-6D	. SWITCH-PITOT HEAT SW37 & SW 38 -----	REF		
	AN924-6D	. UNION -----	2	AC	
-92	NAS1564D6-4	. NUT -----	2	AC	
	AN818-6D	. REDUCER -----	2	AC	
-93	2314251-114	* . TUBE ASSEMBLY PITOT -----	1	AC	
-94	2314251-100	* . TUBE ASSEMBLY STATIC -----	1	AC	
-95	AN824-4D	. TEE -----	2	AC	
-96	2314251-096	* . TUBE ASSEMBLY STATIC -----	1	AC	
-97	2314251-110	* . TUBE ASSEMBLY PITOT -----	1	AC	
-98	AN804D4	. TEE -----	1	AC	
	AN924-4D	. NUT -----	1	AC	
	AN929-4	. CAP ASSY -----	1	AC	
-99	2314251-112	* . TUBE ASSEMBLY PITOT -----	1	AC	
-100	2481039-030	* . TUBE ASSEMBLY STATIC -----	1	AC	
-101	2481039-028	* . TUBE ASSEMBLY PITOT -----	1	AC	
		# LENGTH WILL BE SUPPLIED LATER			
		* USE AP50N-4 FITTING SEALS TO CONNECT			
		+ TUBE ASSYS FLAGGED WITH AN ASTERISK			
		USE AP50N-6 FITTING SEALS TO CONNECT			
		TUBE ASSYS FLAGGED WITH A PLUS SIGN			
		A 003 & ON WHEN MOD PER ECR 233,			
		ECR 230, ECR 227, ECR 277 OR ECR 381			
		B 003 THRU 014 EXCEPT A/C MOD PER ECR 233			
		C 015 & ON & A/C MOD PER ECR 233			
		D 015 THRU 029 EXCEPT A/C MOD PER ECR 233			
		ECR 277 OR ECR 381			
		E 030 & ON EXCEPT A/C MOD PER ECR 233,			
		ECR 230 OR ECR 227			
		F 003 THRU 005 EXCEPT A/C MOD PER ECR 233			
		G 006 & ON EXCEPT A/C MOD PER ECR 233,			
		ECR 230, ECR 227, ECR 277 OR ECR 381			
		J 003 & ON EXCEPT A/C MOD PER ECR 233,			
		ECR 230, ECR 227, ECR 277 OR ECR 381			
		K 015 & ON EXCEPT A/C MOD PER ECR 233,			
		ECR 230, ECR 227, ECR 277 OR ECR 381			
		L 003 & ON EXCEPT A/C MOD PER SK23/24-282			
		M 003 & ON WHEN MOD PER SK23/24-282			
		N 003 & ON WHEN 1/4 IN OD PITOT STATIC			
		TUBES ARE INSTALLED			
		P 003 & ON WHEN 3/8 IN OD PITOT STATIC			
		TUBES ARE INSTALLED			
		Q 003 THRU 014 WHEN 1/4 IN OD PITOT STATIC			
		TUBES ARE INSTALLED EXCEPT A/C MOD PER			
		ECR 233			
		R 003 THRU 014 WHEN 3/8 IN OD PITOT STATIC			
		TUBES ARE INSTALLED EXCEPT A/C MOD PER			
		ECR 233			
		S 015 & ON & A/C MOD PER ECR 233 WHEN 1/4			
		IN OD PITOT STATIC TUBES ARE INSTALLED			
		T 015 & ON & A/C MOD PER ECR 233 WHEN 3/8			
		IN OD PITOT STATIC TUBES ARE INSTALLED			
		CONTINUED			
		A---ATTACHING PARTS			



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION							UNITS PER ASSY	USABLE ON		
		1	2	3	4	5	6	7		THRU		
112 -		U	030 & ON WHEN 1/4 IN OD PITOT TUBES ARE INSTALLED EXCEPT A/C MOD PER ECR 233, ECR 230 OR ECR 227									
		V	030 & ON WHEN 3/8 IN OD PITOT TUBES ARE INSTALLED EXCEPT A/C MOD PER ECR 233, ECR 230 OR ECR 227									
		W	003 & ON WHEN MOD PER ECR 233, ECR 230 OR ECR 227 & 1/4 IN OD PITOT STATIC TUBES ARE INSTALLED									
		X	003 & ON WHEN MOD PER ECR 233, ECR 230 OR ECR 227 & 3/8 IN OD PITOT STATIC TUBES ARE INSTALLED EXCEPT A/C EQUIPPED FOR ICE OPERATION									
		Y	015 THRU 069 WHEN 3/8 IN OD PITOT STATIC TUBES ARE INSTALLED EXCEPT A/C WITH FD-108 OR MOD PER ECR 233 OR ECR 230									
		Z	015 THRU 069 WHEN FD-108 IS INSTALLED, 070 & ON & A/C MOD PER ECR 233,OR ECR 230 WHEN 3/8 IN OD PITOT STATIC TUBES ARE INSTALLED									
		AA	SPARE FOR DRA76C-6									
		AB	003 & ON WHEN 3/8 IN OD PITOT STATIC TUBES ARE INSTALLED EXCEPT A/C EQUIPPED FOR ICE OPERATION									
		AC	003 & ON WHEN A/C IS EQUIPPED FOR ICE OPERATION									
		AD	015 & ON & A/C MOD PER ECR 233 WHEN 3/8 IN OD PITOT STATIC TUBES ARE INSTALLED EXCEPT A/C EQUIPPED FOR ICE OPERATION									
		AE	003 & ON EXCEPT A/C EQUIPPED FOR ICE OPERATION									
		A---ATTACHING PARTS										



A13-25D-1  
B13-25D-1

Figure 113. Windshield Anti-Ice System Installation

**LIMITED EFFECTIVITY Serial Code A**

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
113 -					
-1	2314125-025	WINDSHIELD ANTI-ICE SYSTEM INSTALLATION			
-2	FC-2544	• TANK ASSEMBLY-ALCOHOL -----	1	A	
-3	FC-2646	• ADAPTER ASSEMBLY-FILLER CAP -----	1	A	
-4	2314035-067	• CAP ASSEMBLY-FILLER -----	1	A	
		• PLACARD-ALCOHOL SPECIFICATIONS & CAP. WHEN EXHAUSTED USE 2314035-087 -----			
-5	2314035-087	• PLACARD-ALCOHOL SPECIFICATIONS & CAP -----	1	A	
-6	MS35489-4	• TUBE ASSEMBLY-TANK VENTILATION -----	1	B	
-7	MS21919D3	• GROMMET -----	1	A	
-8	AN515-8R6	• CLAMP -----	1	A	
	AN960D10L	A • SCREW -----	2	A	
	MS20364-832	A • WASHER -----	1	A	
-9	2380104-001	A • NUT -----	1	A	
	MS20074-04-04	• PUMP ASSEMBLY-ALCOHOL E32 -----	1	A	
	AN960-416	A • BOLT -----	1	A	
	S-904-1	A • WASHER -----	4	A	
-10	AN815-4D	• NAMEPLATE-ALCOHOL PUMP ASSEMBLY -----	4	A	
	AN816-4D	• UNION -----	1	A	
		• NIPPLE ALTERNATE FOR AN815-4D USED ON PUMPS HAVING INTERNAL PIPE THDS -----	3	A	
-11	MS28778-4	• PACKING-O RING -----	3	A	
-12	2314125-019	• TUBE ASSEMBLY-FILTER INLET -----	1	A	
-13	2314125-021	• TUBE ASSEMBLY-FILTER OUTLET -----	1	A	
-14	2380113-001	• FILTER ASSEMBLY -----	1	A	
	32037A	• FILTER ASSEMBLY ALT FOR 2380113-001 -----	1	A	
	27468	• ELEMENT-FILTER -----	1	A	
-15	MS28775-120	• PACKING-O RING -----	1	A	
-16	SEE FIGURE 108A	• NOZZLE ASSEMBLY-EXTERNAL DEFOG -----	REF	A	
-17	2314123-012	• ADAPTER -----	2	A	
-18	2314123-008	• TUBE ASSEMBLY-LH -----	1	A	
-19	2314123-010	• TUBE ASSEMBLY-RH -----	1	A	
-20	AN833-4D	• ELBOW -----	2	A	
-21	2314123-002	• TUBE ASSEMBLY-LH -----	1	A	
-22	2314123-006	• TUBE ASSEMBLY-RH -----	1	A	
-23	AN815-4D	• UNION -----	1	A	
-24	2314123-004	• TUBE ASSEMBLY-RH FWD -----	1	A	
	MS21919DG4	• CLAMP TUBE ASSEMBLY SUPPORT -----	AR	A	
	AN520-10R8	A • SCREW -----	AR	A	
	AN960D10L	A • WASHER -----	AR	A	
	MS20365-1032	A • NUT -----	AR	A	
-25	SEE FIGURE 143	• CONTROL-WINDSHIELD DE-ICE -----	REF	A	
		A 003 & ON WHEN MOD PER ECR 233, ECR 230 ECR 227, ECR 277 OR ECR 381 EXCEPT A/C EQUIPPED WITH WINDSHIELD & RADOME ANTI-ICE SYSTEM			
		B SPARE FOR 2314035-067			
		A---ATTACHING PARTS			

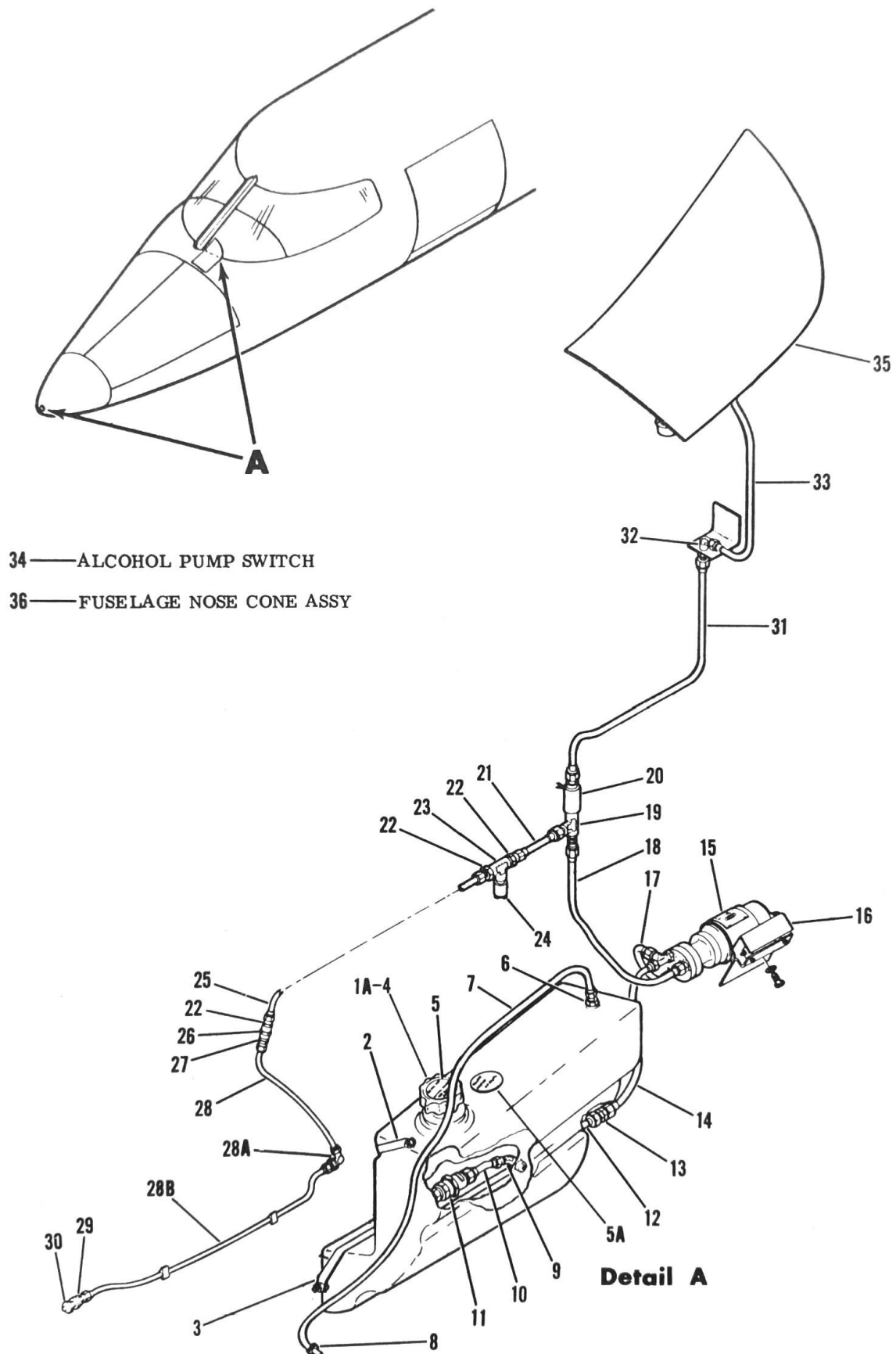


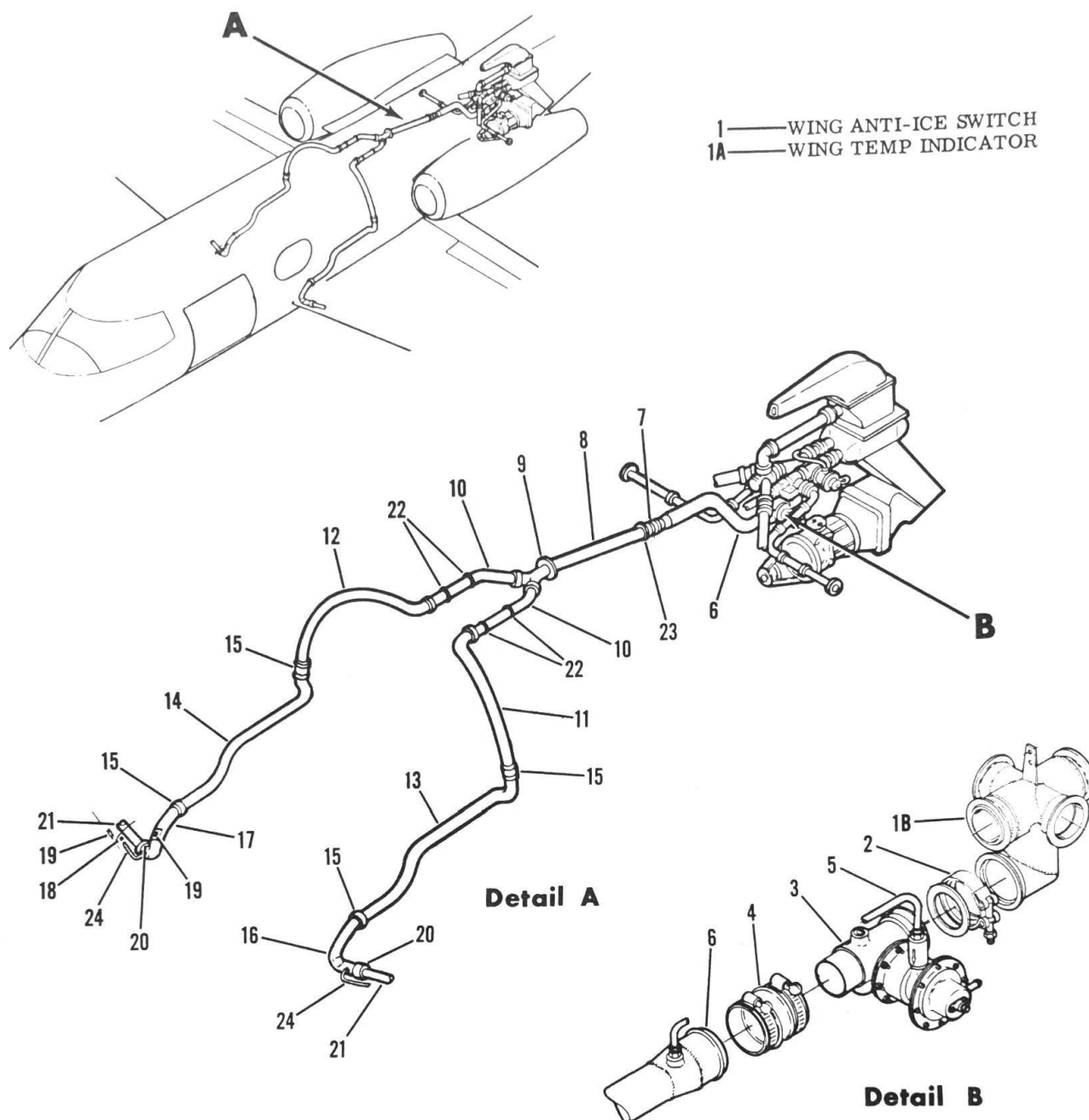
Figure 113A. Windshield and Radome Anti-Ice System Installation

A13-35D-2

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
113A-		WINDSHIELD & RADOME ANTI-ICE SYSTEM INSTALLATION			A
-1	6600143-003	• TANK ASSEMBLY-ALCOHOL WHEN EXHAUSTED USE 6600143-006 & 1 AN924-4 CAP -----	1	A	
	6600143-006	• TANK ASSEMBLY-ALCOHOL WHEN EXHAUSTED USE 6600143-007 1 AN924-4 CAP & 1 2314035-167 PLACARD -----	1	B	
	6600143-007	• TANK ASSEMBLY-ALCOHOL -----	1	C	
-1A	6600143-008	• • CAP ASSY-TANK -----	1	D	
-2	ST-1027	• STRAP ASSY-TANK UPR WHEN EXHAUSTED USE S-1027-2 -----	1	A	
	S-1027-2	• STRAP ASSY-TANK UPR -----	1	E	
-3	ST-1029	• STRAP ASSY-TANK LWR WHEN EXHAUSTED USE S-1027-2 -----	1	A	
	S-1027-2	• STRAP ASSY-TANK LWR -----	1	F	
	AN520-10R6	A • SCREW UPPER STRAP -----	2	A	
	AN960-10	A • WASHER UPPER STRAP -----	2	A	
	AN3-3A	A • BOLT LOWER STRAP -----	2	A	
	MS20365-1032	A • NUT LOWER STRAP -----	1	A	
-4	FC2646	• CAP ASSEMBLY-TANK -----	1	G	
-5	2314035-167	• PLACARD-TANK CAP -----	1	G	
-5A	2314035-167	• PLACARD-TANK -----	1	D	
-6	AN816-3D	• NIPPLE -----	1	A	
-7	2488221-008	• TUBE ASSEMBLY-TANK VENT -----	1	A	
-8	MS35489-4	• GROMMET -----	1	A	
-9	AN816-4D	• NIPPLE -----	1	A	
-10	2488221-090	• TUBE ASSEMBLY-FILTER INLET -----	1	A	
-11	2380113-001	• FILTER -----	1	A	
	32037A	• FILTER ALT FOR 2380113-001 -----	1	A	
	27468	• • ELEMENT-FILTER -----	1	A	
-12	MS28775-120	• • PACKING-O RING -----	1	A	
-13	2488221-065	• TUBE-FILTER OUTLET -----	1	A	
	AN832-4D	• UNION -----	1	A	
	AN6289D4	A • NUT -----	1	A	
-14	2488221-083	• TUBE ASSEMBLY-PUMP SUPPLY -----	1	A	
-15	2488221-087	• PUMP & RESISTOR ASSY-ALCOHOL E32 -----	1	A	
	AN520-10R6	A • SCREW -----	4	A	
	AN960-10L	A • WASHER -----	4	A	
-16	2488221-042	• COVER-RESISTOR -----	1	A	
-17	2488221-061	• TUBE ASSEMBLY -----	1	A	
-18	2488221-085	• TUBE ASSEMBLY-NOZZLE SUPPLY -----	1	A	
-19	AN784D4	• TEE -----	1	A	
-20	34D45	• VALVE-ANTI ICE SHUTOFF B64 -----	1	A	
	MS28778-4	A • PACKING-O RING -----	1	A	
-21	2488221-028	• TUBE ASSEMBLY-RADOME NOZZLE SUPPLY -----	1	A	
-22	AN816-4D	• NIPPLE -----	1	A	
-23	AN917-1D	• TEE -----	3	A	
-24	P10B-M-11	• SWITCH-ALCOHOL LOW PRESS PSW6 -----	1	A	
-25	2488221-056	• TUBE-RADOME NOZZLE SUPPLY -----	1	A	
-26	AN910-4D	• COUPLING -----	1	A	
-27	68PTH4-4-2	• COUPLING -----	1	A	
	68P4-2	• COUPLING ALT FOR 68PTH4-4-2 -----	1	A	
-28	2488221-092	• TUBE-RADOME NOZZLE SUPPLY -----	1	A	
-28A	265-NW-1/4	• ELBOW -----	1	A	
	259-NW-1/4	• INSERT -----	1	A	
-28B	2488221-093	• TUBE-RADOME NOZZLE SUPPLY -----	1	A	
-29	261-NW	• NUT -----	1	A	
	259-NW	• INSERT -----	1	A	
-30	2419040-008	• NOZZLE ASSEMBLY-RADOME ALCOHOL -----	1	A	
	2488221-002	A • SPACER -----	1	A	
	2419040-007	A • NUT-NYLON 7/16 X 20 -----	1	A	
	2488221-018	• • DIFFUSER-SNAP ON -----	1	A	
-31	2488221-078	• TUBE ASSEMBLY-WINDSHIELD NOZZLE SUPPLY -----	1	A	
-32	AN960D716L	• ORIFICE ASSY-WINDSHIELD NOZZLE SUPPLY -----	1	A	
	AN924-4D	A • WASHER -----	1	A	
	2488221-024	A • NUT -----	1	A	
-33		• TUBE ASSEMBLY-WINDSHIELD NOZZLE SUPPLY -----	1	A	
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
113A-34 -35 -36	SEE FIGURE 143 SEE FIGURE 108B SEE FIGURE 10	<p>1 2 3 4 5 6 7</p> <ul style="list-style-type: none"> <li>• SWITCH-ALCOHOL PUMP -----</li> <li>• NOZZLE ASSEMBLY-DEFOG -----</li> <li>• NOSE CONE ASSEMBLY-FUSELAGE -----</li> </ul> <p>A 003 &amp; ON WHEN A/C IS EQUIPPED WITH WINDSHIELD &amp; RADOME ANTI-ICE SYSTEM</p> <p>B SPARE FOR 6600143-003 TANK ASSY</p> <p>C SPARE FOR 6600143-006 TANK ASSY</p> <p>D USED ON 6600143-007 TANK ASSY</p> <p>E SPARE FOR ST-1027 STRAP ASSY</p> <p>F SPARE FOR ST-1029 STRAP ASSY</p> <p>G USED WHEN 6600143-003 OR -006 TANK IS INSTALLED</p> <p>A---ATTACHING PARTS</p>	REF REF REF	A A A	





A4-15C  
B13-33D

Figure 114. Wing Anti-Ice System Installation

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
114 -		1 2 3 4 5 6 7			
-1	SEE FIGURE 145	WING ANTI-ICE SYSTEM INSTALLATION	REF	A	
-1A	SEE FIGURE 145	• SWITCH-WING ANTI-ICE -----	REF	B	
-1B	SEE FIGURE 102	• INDICATOR-WING TEMP -----	REF	B	
-2	4573-250	• MANIFOLD ASSEMBLY -----	1	F	
	24540-150	• COUPLING -----	1	G	
	2319116-004	• COUPLING -----	1	F	
	2380156-004	• GASKET -----	1		
	2380156-006	• VALVE-WING ANTI-ICE B55 JANITROL -----	1	F	
	2380156-007	FOR SPARES ORDER 2380156-006 -----			
	2380156-007	• VALVE-WING ANTI-ICE B55 JANITROL -----	1	F	
	223355	FOR SPARES ORDER 2380156-007 -----	1	F	
		• VALVE-WING ANTI-ICE B55 JANITROL -----	1	G	
		• VALVE-WING ANTI-ICE B55 WHITTAKER -----	1		
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				1 2 3 4 5 6 7	THRU
114 -4	SLOOT-10-13	. SLEEVE -----	1		F
	420C75-275-M	A . CLAMP -----	2		F
	24540-150	* . COUPLING -----	1		G
-5	2488024-008	. TUBE ASSEMBLY -----	1		F
	AN816-4	. NIPPLE -----	1		F
-6	2488024-002	. DUCT ASSEMBLY -----	1		F
	2488024-022	* . DUCT ASSEMBLY -----	1		G
-7	SLOOT-5A-22	. SLEEVE -----	1		A
	55083-150-2L	A . CLAMP -----	2		A
	U82-150-5H	A . CLAMP ALT FOR 55083-150-2L -----	2		A
-8	2514305-008	. DUCT ASSEMBLY -----	1		A
-9	2514305-014	. PLATE ASSEMBLY -----	1		A
	AN515-8R8	A . SCREW -----	6		A
-10	5138-10-96-8	. DUCT-FLEX -----	2		A
	125GS24X15	. DUCT-FLEX ALT FOR 5138-10-96-8 -----	2		A
	U82-138-5H	A . CLAMP -----	4		A
	110-2-75-138	A . CLAMP ALT FOR U82-138-5H -----	4		A
-11	2514306-005	. DUCT LH -----	1		A
-12	2514306-006	. DUCT RH -----	1		A
-13	2514306-003	. DUCT-FLEX LH -----	1		A
-14	2514306-004	. DUCT-FLEX RH -----	1		A
-15	SLOOT-5-14	. SLEEVE -----	4		A
	110-2-62-138	A . CLAMP -----	8		A
	U10-62-138-5H	A . CLAMP ALT FOR 110-2-62-138 -----	8		A
	U82-138-5H	A . CLAMP ALT FOR 110-2-62-138 -----	8		A
-16	2414302-001	. DUCT ASSEMBLY LH -----	1		D
	2414307-001	. DUCT ASSEMBLY LH -----	1		E
-17	2414302-002	. DUCT ASSEMBLY RH -----	1		D
	2414307-002	. DUCT ASSEMBLY RH -----	1		E
	2414307-011	. INSULATOR -----	2		A
-18	SEE FIGURE 145	. THERMOSTAT-HI LIMIT TSW14 -----	REF		B
	AN515-4R8	A . SCREW -----	2		A
	AN936B4	A . WASHER -----	2		A
	NAS43DD0-16	A . SPACER -----	2		A
-19	SEE FIGURE 145	. THERMOSTAT-LOW LIMIT TSW12 -----	REF		B
-20	5138-8-24-8	. DUCT-FLEX -----	2		A
	100GS6X20	. DUCT-FLEX ALT FOR 5138-8-24-8 -----	2		A
	AN737TW44	A . CLAMP -----	4		A
-21	SEE FIGURE 3	. LEADING EDGE ASSY-WING ANTI-ICE -----	REF		B
-22	MS21266-2T	. GROMMET -----	4		A
-23	MS21266-3T	. GROMMET -----	1		A
-24	2522050-033	. TUBE-FILLET ANTI-ICE -----	2		E
	2522050-032	A . CONNECTOR -----	2		E
	2522050-031	A . NUT -----	2		E
-100	2499200-001	. KIT-WING ANTI-ICE VALVE ASSEMBLY WHITTAKER -----	1		C
		. . COMPONENTS CONSIST OF ITEMS MARKED * -----	REF		C
		* 2499200-001 WING ANTI-ICE VALVE ASSY KIT COMPONENT			
		A 003 & ON			
		B SEE REF FIGURE FOR USAGE			
		C REPLACEMENT KIT FOR A/C EQUIPPED WITH JANITROL CONTROL VALVE			
		D 003 & ON EXCEPT A/C EQUIPPED FOR ICE OPERATION			
		E 003 & ON WHEN A/C IS EQUIPPED FOR ICE OPERATION			
		F 003 & ON WHEN A/C IS EQUIPPED WITH JANITROL CONTROL VALVE			
		G 003 & ON WHEN A/C IS EQUIPPED WITH WHITTAKER CONTROL VALVE			
		A---ATTACHING PARTS			

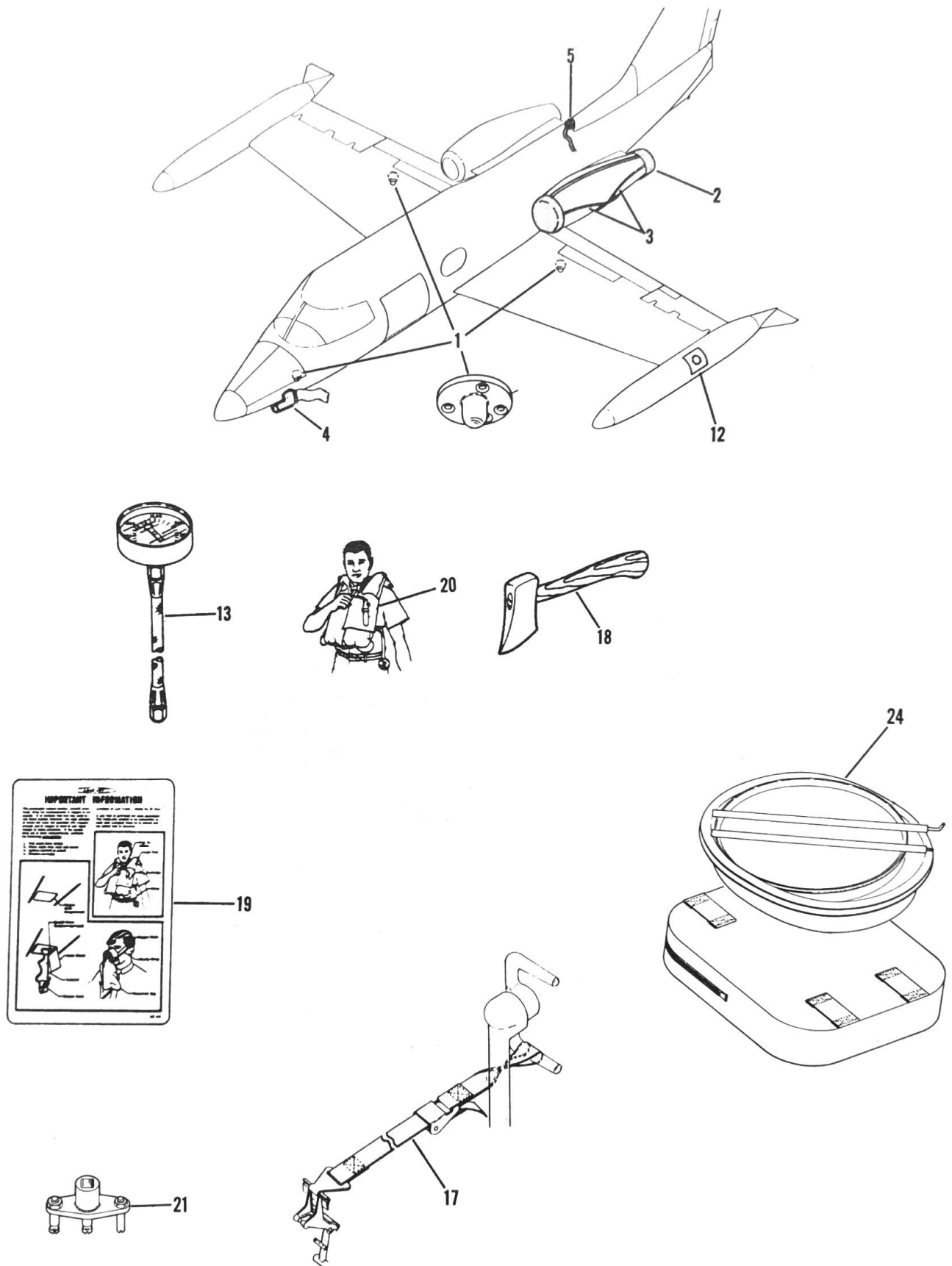
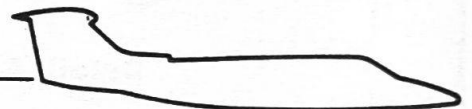


Figure 115. Ground Handling and Loose Equipment

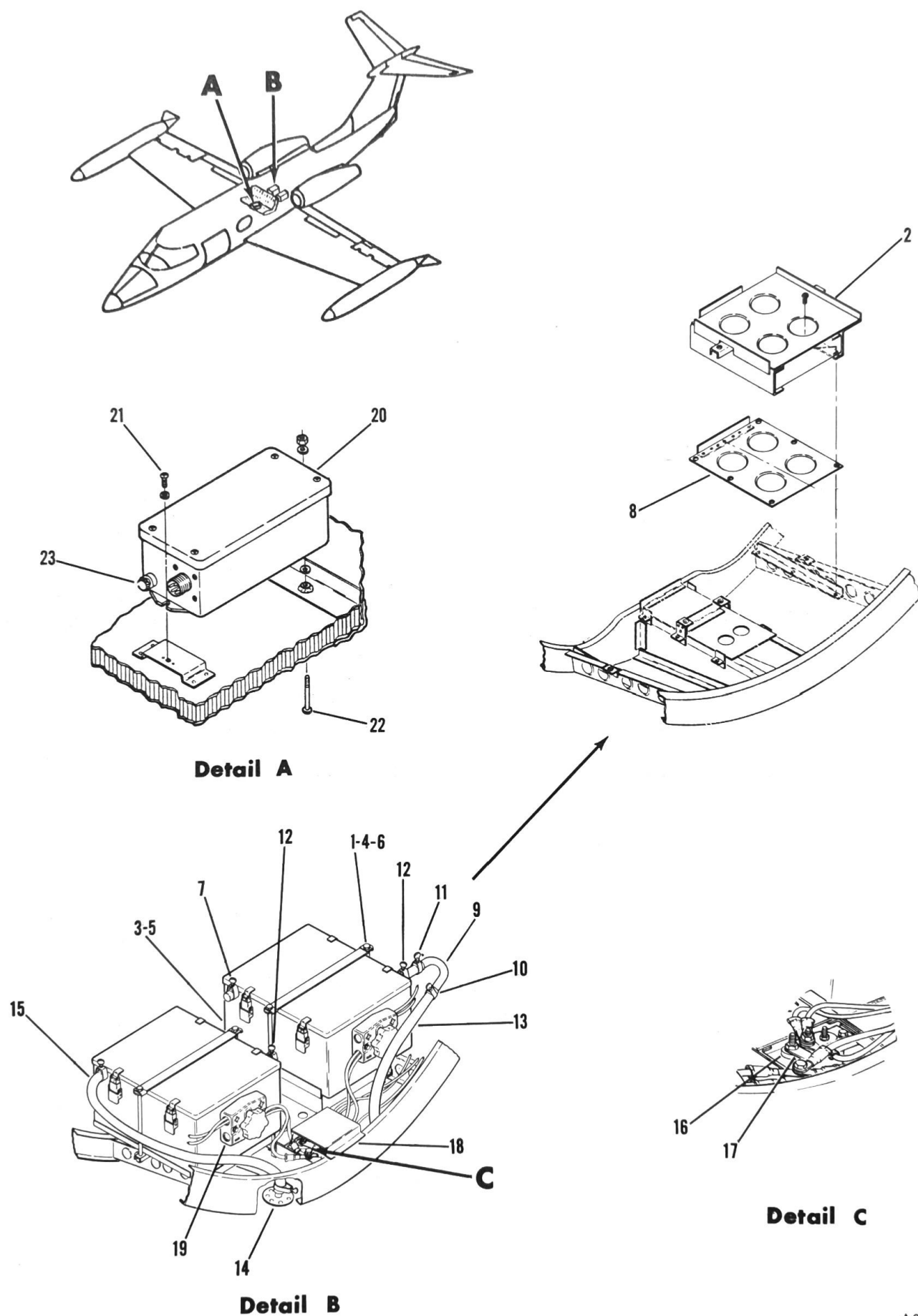
14-1C-1  
14-82B  
15-4A

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
115 -		GROUND HANDLING & LOOSE EQUIPMENT			
-1	2370102-004	• JACK PAD -----	3		
	AN509-416R15	A • SCREW -----	9		
	NAS222-11	• SCREW USED WHEN JACK PADS REMOVED -----	9		
-2	2370200-002	• COVER ASSY-NACELLE LH -----	1		
	2370200-010	• COVER ASSY-NACELLE RH -----	1		
-3	2370200-009	A • CORD ASSY-NACELLE COVER -----	2		
-4	2470203-001	• COVER ASSY-PITOT -----	2		
-5	2370202-001	• COVER ASSY-DORSAL INLET DUCT -----	1		
-12	2370105-002	• PAD-REFUELING PROTECTIVE -----	1		
-13	2370107-001	• GAGE ASSY-HYDRAULIC PRESSURE TEST -----	1		
-17	2315169-006	• GUST LOCK ASSY -----	1		A
-18	12HIK	• HACHET -----	1		A
-19	LE-144	• CARD-IMPORTANT INFORMATION -----	1		A
-20		• LIFE VEST PER TSO C-13A & ATA 801 -----	AR		A
-21	2471007-001	• ADAPTOR ASSY-TORQUE WRENCH -----	1		
-24	2484013-001	• KIT-NACELLE COVERS INLET & OUTLET -----	1		B
	2484013-002	• KIT-NACELLE COVERS INLET & OUTLET -----	1		C
	2471013-002	• • COVER ASSY-EXHAUST -----	2		B
	2471015-005	• • COVER ASSY-EXHAUST -----	1		C
	2471013-003	• • COVER ASSY-INLET -----	2		D
	2471013-008	• • HANDLE ASSY-COVER INSTALLATION -----	1		D
	2470208-001	• • BAG ASSY-NACELLE COVER STOWAGE -----	1		D
	2470209-007	• • BELT-BAG -----	2		D
		A 003 & ON WHEN MOD PER ECR 233, ECR 230 ECR 227, ECR 277 OR ECR 381			
		B 003 & ON WHEN MOD PER AAK71-2 EXCEPT A/C EQUIPPED WITH THRUST REVERSERS			
		C 003 & ON WHEN EQUIPPED WITH THRUST REVERSERS & MOD PER AAK71-2			
		D 002 & ON WHEN MOD PER AAK71-2			
		A---ATTACHING PARTS			

## SECTION III



### electrical system equipment



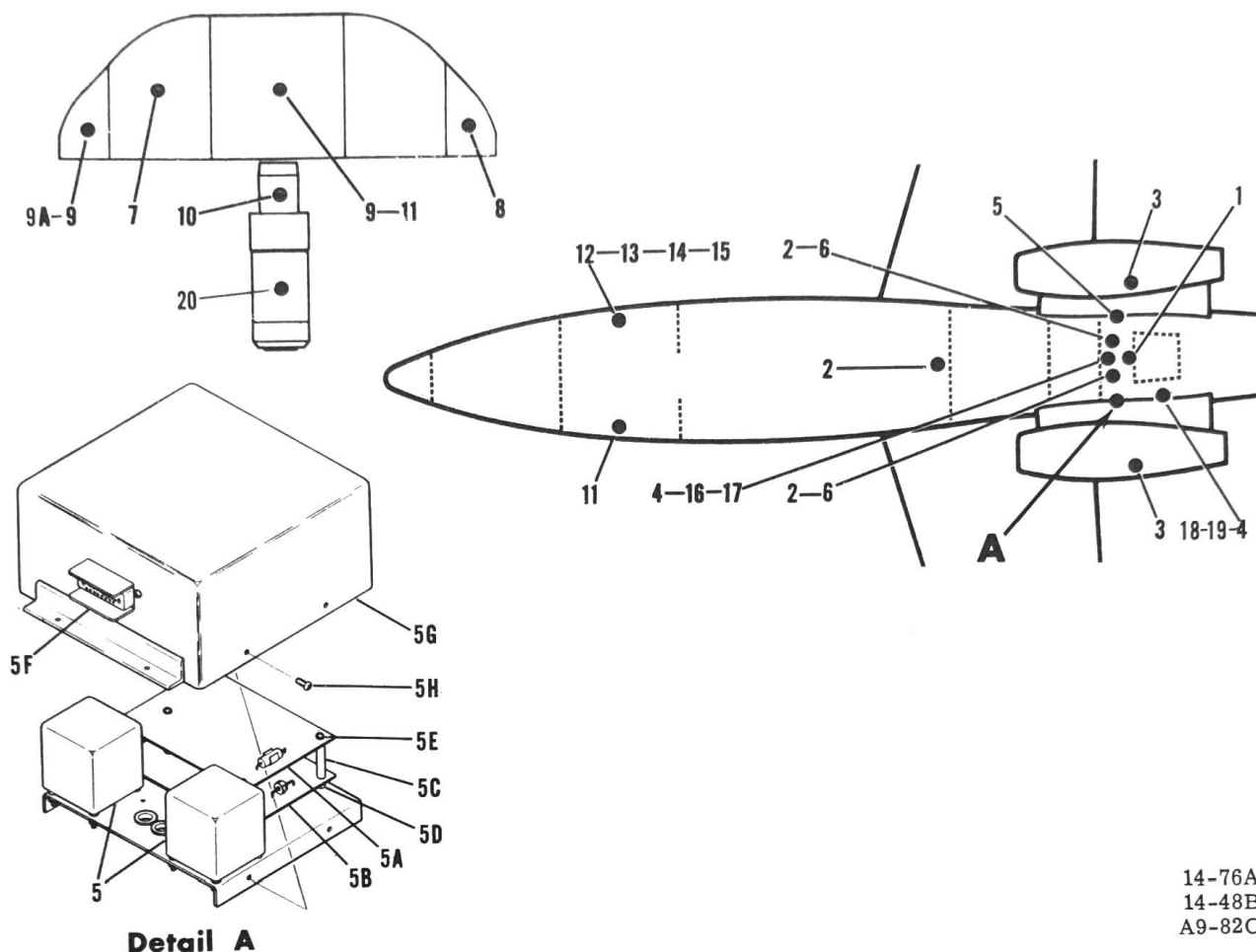
A9-22A  
B9-1C  
B9-1C-1

Figure 116. Battery and External Power Receptacle Installation



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
116 -		BATTERY & EXTERNAL POWER RECEPTACLE INSTALLATION			
	AKO-2023	• BATTERY INSTALLATION -----	1		
		• BATTERY WITH HEAT SENSOR SWITCHES			
		FOR SPARES USE 2398200-001 KIT -----	2	C	
	38TF27-122-16	• . . SWITCH-HEAT SENSOR LO 140 -----	1	C	
	38TF27-124-16	• . . SWITCH-HEAT SENSOR HI 160 -----	1	C	
-1	AN4H80A	A • BOLT USE WITH AKO-2023 BATTERY -----	4	C	
	2398200-001	• KIT-BATTERY & SUPPORT SPARE FOR AKO-2023 BATTERY WITH HEAT SENSOR SWITCHES -----	1	C	
-2	2318035-043	• . . ADAPTER-BATTERY SUPPORT LH -----	1	C	
	2318035-044	• . . ADAPTER-BATTERY SUPPORT RH -----	1	C	
-3	CA-21H	• . . BATTERY WITH HEAT SENSOR SWITCHES FOR SPARES USE 28855 -----	2	C	
	28855	• . . BATTERY WITH HEAT SENSOR SWITCHES WHEN EXHAUSTED USE GB122A BOTH BATTERIES MUST BE SAME PART NUMBER IF DUAL BATTERIES ARE INSTLD -----	2	C	
	GB122A	• . . BATTERY WITH HEAT SENSOR SWITCHES -----	2	J	
	38TF27-122-16	• . . . SWITCH-HEAT SENSOR LO 140 -----	1	C	
-4	38TF27-124-16	• . . . SWITCH-HEAT SENSOR HI 160 -----	1	C	
	AN4H70A	A • BOLT -----	4	C	
-5	CA-21H	• BATTERY WITH HEAT SENSOR SWITCHES FOR SPARES USE 28855 -----	2	B	
	28855	• BATTERY WITH HEAT SENSOR SWITCHES WHEN EXHAUSTED USE GB122A BOTH BATTERIES MUST BE SAME PART NUMBER IF DUAL BATTERIES ARE INSTALLED -----	2	B	
	GB122A	• BATTERY WITH HEAT SENSOR SWITCHES -----	2	J	
	38TF27-122-16	• . . . SWITCH-HEAT SENSOR LO 140 -----	1	B	
	38TF27-124-16	• . . . SWITCH-HEAT SENSOR HI 160 -----	1	B	
	2318035-035	A • KEEPER LH & RH -----	4	B	
-6	AN4H70A	A • BOLT -----	4	B	
-7	3595	• CAP-BATTERY VENT LH & RH -----	2		
	AN737RM30	A • CLAMP -----	2		
	2318035-039	• ANGLE LH & RH -----	4	A	
-8	2398201-001	• PLATE ASSY-BAT SUPPORT LH & RH -----	2	A	
	AN507-632R6	A • SCREW -----	12	A	
-9	2318035-055	• TUBE-BATTERY VENT RH -----	1		
-10	AN737RM30	A • CLAMP -----	2		
-11	2318035-056	• HOSE-BATTERY VENT RH -----	1		
-12	AN737RM30	A • CLAMP -----	1		
-13	2318035-057	• HOSE-BATTERY VENT RH -----	1		
	AN737RM30	A • CLAMP -----	1		
-14	2318035-022	• TUBE ASSY-OVERBOARD LH & RH -----	2		
-15	2318035-017	• HOSE-BATTERY VENT LH -----	1		
	AN737RM30	A • CLAMP -----	2		
		• EXTERNAL POWER RECEPTACLE INSTALLATION -----	1		
-16	S-405-1	• RECEPTACLE-EXTERNAL POWER J5 -----	1		
	S-405-2	• RECEPTACLE-EXTERNAL POWER ALT FOR S-405-1 -----	1		
	AN3-10A	A • BOLT -----	2		
	AN960D10	A • WASHER -----	2		
-17	2308100-007	• BUS-EXTERNAL POWER GROUND -----	1		
	AN5-5A	A • BOLT -----	1		
	AN960D516	A • WASHER -----	1		
-18	2318040-006	• SHIELD-EXTERNAL POWER -----	1	D	
	2318040-007	• SHIELD-EXTERNAL POWER -----	1	E	
	AN515-6R8	A • SCREW -----	2		
	MS20365-632	A • NUT -----	2		
-19	MS25182-2	• PLUG-BATTERY -----	2	G	
	S-404-1	• PLUG-BATTERY ALT FOR MS25182-2 -----	2	H	
		• EMERGENCY BATTERY INSTALLATION -----	AR		
-20	16-1010-02	• BATTERY-EMERGENCY SINGLE PHASE END MOUNTED CONNECTOR -----	1		
	2388266-020	• BATTERY-EMERGENCY SINGLE PHASE SIDE MOUNTED CONNECTOR -----	1		
	501-1043-01	• BATTERY-EMERGENCY 3 PHASE END MOUNTED CONNECTOR -----	1		
	2388266-015	• BATTERY-EMERGENCY 3 PHASE SIDE MOUNTED CONNECTOR -----	1		
-21	AN515-10R7	A • SCREW -----	1		
	AN960-10	A • WASHER -----	1		
-22	2318066-004	A • SCREW -----	1		
	AN960-10	A • WASHER -----	1		
	MS20364-1032	A • NUT -----	2		
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
116 - -23	AN960-10L NAS43HT3-6 S21001-25	A . . WASHER -----	2		
		A . . SPACER -----	1		
		. . . FUSE -----	1		
		A 003 THRU 021 & 043 & ON & A/C MOD PER SK23-135			
		B 022 & ON WHEN MOD PER AMK71-10			
		C 003 THRU 021 WHEN MOD PER AMK71-10			
		D 003 THRU 079 EXCEPT A/C MOD PER SK23-153			
		E 080 & ON & A/C MOD PER SK23-153			
		G 003 THRU 069 EXCEPT 050A			
		H 070 & ON & 050A			
		J SPARE FOR 28855 IF DUAL BATTERIES ARE INSTALLED WITH SAME PART NUMBERS			
		A---ATTACHING PARTS			

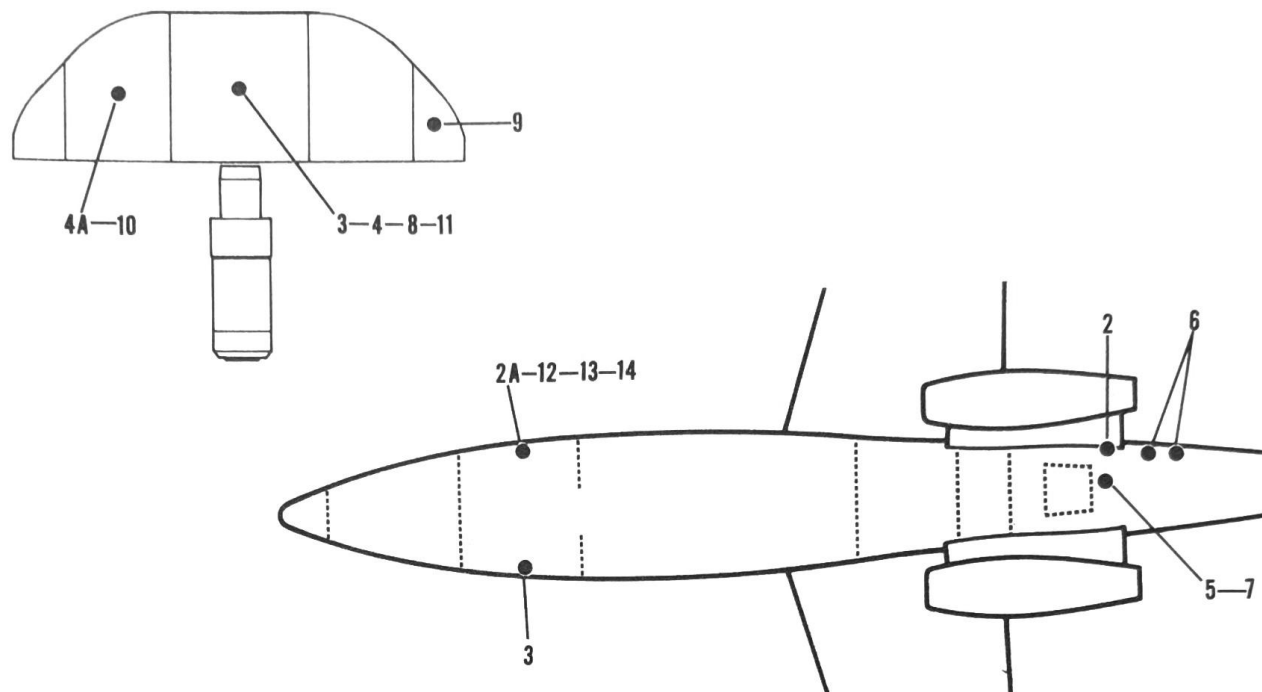


14-76A  
14-48B  
A9-82C

Figure 117. DC Power &amp; Start Electrical Equipment

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
117 -		DC POWER & START ELECTRICAL EQUIPMENT		A	
-1	SEE FIGURE 116	• RECEPTACLE-EXTERNAL POWER	REF	B	
-2	SEE FIGURE 116	• BATTERY	REF	B	
-3	SEE FIGURE 51				
-4	SEE FIGURE 52	• STARTER GENERATOR-ENGINE LH & RH	REF	B	
	SEE FIGURE 119	• STARTER GENERATOR CONTROL & CURRENT LIMITER PANEL ASSEMBLIES	REF	B	
	2498202-001	• KIT-OVERVOLTAGE BOX ASSY	2	A	
	2318384-015	• BOX ASSY-OVERVOLTAGE	1	F	
	2484017-002	• BOX ASSY-OVERVOLTAGE	1	G	
-5	PBH-120	• RELAY	1	A	
	AN960-6	• WASHER	16	A	
	AN935-6	• WASHER-LOCK	8	A	
	MS20341-6A	• NUT	8	A	
-5A	2308131-001	• CIRCUIT BOARD	1	F	
		• CIRCUIT BOARD	1	G	
-5B	2308131-003	• CIRCUIT BOARD	1	A	
-5C	NAS43DD1-80	• SPACER	4	A	
-5D	NAS43DD1-20	• SPACER	4	A	
-5E	AN515-6R34	• SCREW	4	A	
	AN960-6L	• WASHER	4	A	
	MS21042-06	• NUT	4	A	
-5F	S-801-4FPM	• CONNECTOR 2 MALE JACKSCREWS	1	A	
	S-801-8FPM	• CONNECTOR 1 MALE & 1 FEMALE JACKSCREW	1	A	
	AN515-4R5	• SCREW	2	A	
-5G	MS21042-04	• NUT	2	A	
-5H	2318384-010	• BOX ASSY	1	A	
	AN515-8R7	• SCREW	4	A	
CONTINUED					
A---ATTACHING PARTS					

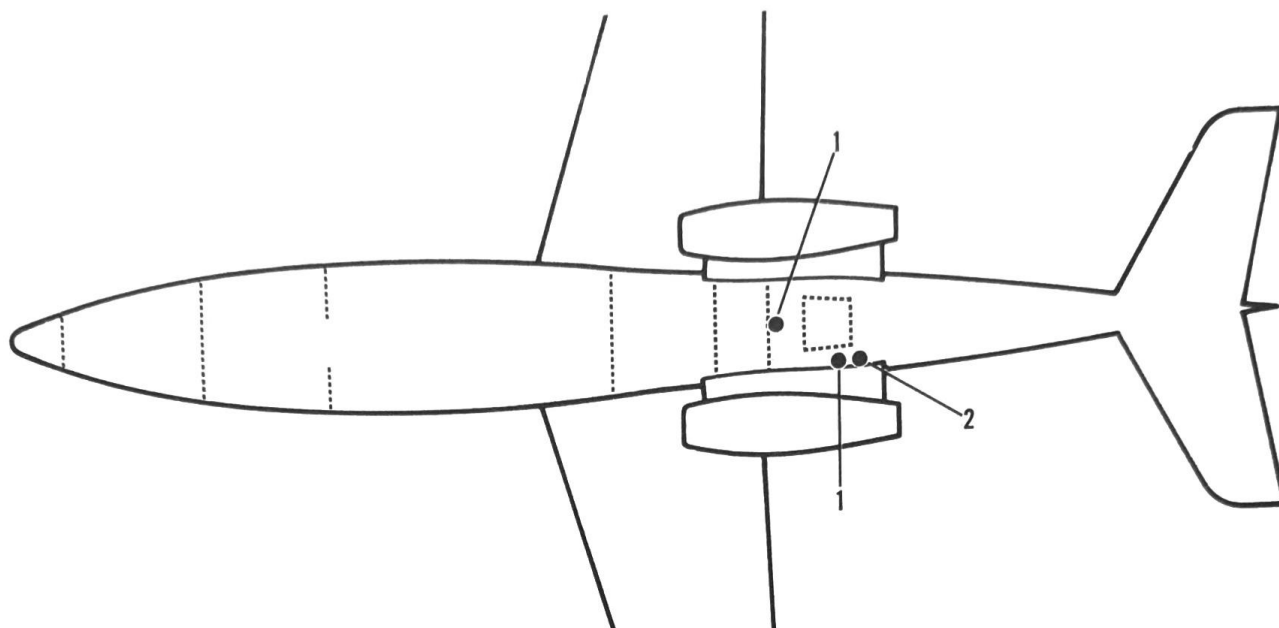
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
117 -6	1589-1-E 1589-1-F 6608104-001  VR-1010-24-1C  2001-3	<ul style="list-style-type: none"> <li>REGULATOR-VOLTAGE -----</li> <li>REGULATOR-VOLTAGE ALT FOR 1589-1-E -----</li> <li>REGULATOR-VOLTAGE USE VENDOR NO -----</li> <li>VR-1010-24-1C -----</li> <li>REGULATOR-VOLTAGE REF SPEC CONTROL -----</li> <li>DWG 6608104-001 -----</li> <li>BASE ASSY-VOLT REG MOUNTING -----</li> </ul>	2 2   2 2	F F   G A	
-7	SEE FIGURE 42 SEE FIGURE 42A SEE FIGURE 42 SEE FIGURE 41	<ul style="list-style-type: none"> <li>IND-INSTR CLUSTER DC VOLTMETER -----</li> </ul>	REF	B	
-8	SEE FIGURE 41 SEE FIGURE 41	<ul style="list-style-type: none"> <li>IND-INSTR CLUSTER AMMETER -----</li> <li>VOLTMETER-DC -----</li> <li>AMMETER -----</li> </ul>	REF REF REF	B B B	
-9	SEE FIGURE 48 SEE FIGURE 46 SEE FIGURE 47 SEE FIGURE 48 SEE FIGURE 47 SEE FIGURE 48 SEE FIGURE 42 SEE FIGURE 42A SEE FIGURE 46	<ul style="list-style-type: none"> <li>LIGHT-AIR START -----</li> <li>LIGHT ASSEMBLY-WARNING -----</li> <li>LIGHT-GENERATOR INDICATOR -----</li> </ul>	REF REF REF	B B B	
-9A	2481111-001 AN515-4R14 NAS43DD0-32 MS21042-04	<ul style="list-style-type: none"> <li>LIGHTS - BATTERY OVERHEAT INDICATOR -----</li> <li>CIRCUIT BOARD - BATTERY OVERHEAT -----</li> <li>SCREW -----</li> <li>SPACER -----</li> <li>NUT -----</li> <li>SWITCH-IGNITION LIMIT -----</li> </ul>	REF 1 2 2 2 REF	B H H H H B	
-10	SEE FIGURE 70				
-11	SEE FIGURE 47 SEE FIGURE 48 SEE FIGURE 48A SEE FIGURE 47 SEE FIGURE 48 SEE FIGURE 48A SEE FIGURE 47 SEE FIGURE 48 SEE FIGURE 48A	<ul style="list-style-type: none"> <li>SWITCH-GENERATOR START LH &amp; RH -----</li> <li>SWITCH-AIR START IGNITION LH &amp; RH -----</li> <li>SWITCH-BATTERY ON -----</li> </ul>	REF REF REF	B B B	
-12	700-036-40	CIRCUIT BREAKER-MAIN DC POWER LH & RH -----	4	A	
-13	700-036-50	CIRCUIT BREAKER-BUS TIE -----	1	A	
-14	7277-4-10	CIRCUIT BREAKER-IGNITION & START L & R -----	1	A	
-15	7277-4-10	CIRCUIT BREAKER-AIR IGNITION L & R -----	2	C	
-16	700-36-15	CIRCUIT BREAKER-OVERVOLTAGE LOCKOUT -----	2	E	
-17	700-36-5 7277-4-2 1/2	CIRCUIT BREAKER-VOLTMETER DC -----	1	E	
-18	6041H205A	CIRCUIT BREAKER-VOLTMETER DC -----	1	D	
-19	MS28937-20 MS28937-10	RELAY - BATTERY ISOLATION -----	2	J	
-20	8801K16	CURRENT LIMITER - BATTERY ISOLATION -----	AR	J	
		CURRENT LIMITER - BATTERY -----	AR	J	
		SWITCH - BATTERY ISOLATION ISOLATION -----	2	J	
	A	003 & ON			
	B	SEE REF FIGURE FOR USAGE			
	C	070 & ON & A/C MOD PER ECR 233, ECR 230, ECR 277 OR ECR 381			
	D	003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381 EXCEPT 012 & 031			
	E	012 & 031 WHEN MOD PER ECR 233 & 003 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381			
	F	003 & ON EXCEPT A/C MOD PER AAK71-8			
	G	080 THRU 099 WHEN MOD PER AAK71-8			
	H	003 & ON WHEN MOD PER AMK71-10			
	J	003 & ON WHEN MOD PER AAK73-9A			
		A---ATTACHING PARTS			



14-76A  
14-48B

Figure 118. AC Power Electrical Equipment

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				1 2 3 4 5 6 7	THRU
118 -		AC POWER ELECTRICAL EQUIPMENT			
-1	SEE FIGURE 119	• CONTROL PANEL-STARTER GENERATOR -----	REF		A
-2	AN3350-1	• RELAY-PRIMARY INVERTER -----	1		B
	AN3350-1	• RELAY-SECONDARY INVERTER -----	1		A
	AN3350-1	• RELAY-STANDBY INVERTER -----	1		A
	S-402-1	• RELAY-AC OUTPUT -----	1		C
-2A	FC215-377	• RELAY-INVERTER SWITCHING -----	4		D
-3	SEE FIGURE 47				C
	SEE FIGURE 48				
	SEE FIGURE 48A	• SWITCH-MAIN & STANDBY INVERTER -----	REF		B
-4	SEE FIGURE 48	• SWITCH-PRIMARY INVERTER -----	REF		B
	SEE FIGURE 48	• SWITCH-SECONDARY INVERTER -----	REF		B
	SEE FIGURE 48	• SWITCH-STANDBY INVERTER -----	REF		B
-4A	SEE FIGURE 42A	• SWITCH-AC VOLTMETER -----	REF		B
-5	SCR-750A	• INVERTER-MAIN -----	1		D
	SCR-750A	• INVERTER-STANDBY -----	1		D
-6	SC-400C	• INVERTER-PRIMARY -----	1		C
	SC-400C	• INVERTER-SECONDARY -----	1		C
	SCR-750	• INVERTER-STANDBY -----	1		C
-7	1930-0	• TRANSFORMER-INVERTER -----	2		D
-8	SEE FIGURE 48	• CIRCUIT BOARD-INVERTER WARN LT DIMMING -----	REF		B
-9	SEE FIGURE 41	• VOLTMETER-AC -----	REF		B
-10	SEE FIGURE 42				
	SEE FIGURE 42A	• INDICATOR-INSTRUMENT CLUSTER			
		AC VOLTMETER -----	REF		B
-11	SEE FIGURE 48	• LIGHTS-INVERTER INDICATOR -----	REF		B
-12	7277-4-2	• CIRCUIT BREAKER-AC VOLTMETER -----	1		D
-13	3MC1-200-.250	• CIRCUIT BREAKER-PRI VOLTMETER -----	1		C
-14	3MC1-200-.250	• CIRCUIT BREAKER-SEC VOLTMETER -----	1		C
		A 003 & ON			
		B SEE REF FIGURE FOR USAGE			
		C 003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381 EXCEPT 012 & 031			
		D 012 & 031 WHEN MOD PER ECR 233 & 003 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381			
		A---ATTACHING PARTS			



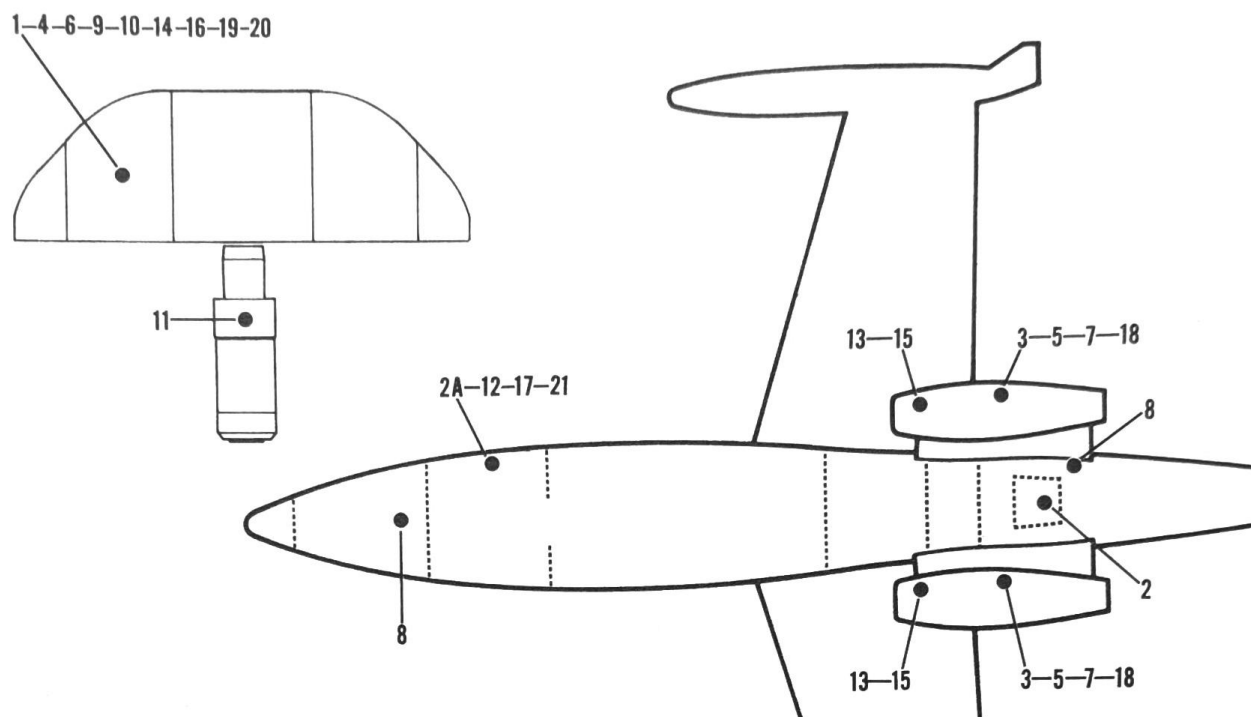
14-48B

Figure 119. Starter Generator Control & Current Limiter Panel Assemblies

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
					THRU
119 -		STARTER GENERATOR CONTROL & CURRENT			
-1		LIMITER PANEL ASSEMBLIES			
	S-403-1	• CONTROL PANEL ASSY-STARTER GENERATOR -----	1	A	
	2380055-001	• • RELAY-REVERSE CURRENT LH & RH -----	2	B	
	S-402-1	• • RELAY-ENGINE START LH & RH -----	2	B	
	S-400-1	• • RELAY-PARALLELING LH & RH -----	2	B	
	FLLH	• • RELAY-BATTERY -----	1	B	
	FLLE	• • CURRENT LIMITER-GEN BUS LH & RH -----	2	B	
	A-1043	• • CURRENT LIMITER-FREON -----	1	B	
		• CONTROL PANEL ASSY-STARTER GENERATOR -----	1	C	
	2318381-005	• PANEL ASSEMBLY-CURRENT LIMITER -----	1	D	
	MS28937-50	• PANEL ASSEMBLY-CURRENT LIMITER -----	1	E	
	MS28937-50	• • CURRENT LIMITER-FEEDER BUS LH -----	2	A	
	MS28937-50	• • CURRENT LIMITER-FEEDER BUS RH -----	2	A	
	MS28937-50	• • CURRENT LIMITER-MAIN INVERTER -----	2	D	
	MS28937-10	• • CURRENT LIMITER-STANDBY INVERTER -----	2	A	
	MS28937-20	• • CURRENT LIMITER-GEN FIELD LH & RH -----	2	A	
	MS28937-40	• • CURRENT LIMITER-LANDING LT L & R -----	2	A	
	MS28937-40	• • CURRENT LIMITER-PRIMARY INVERTER -----	1	E	
	MS28937-50	• • CURRENT LIMITER-SECONDARY INVERTER -----	1	E	
	MS28937-50	• • CURRENT LIMITER-HYD PUMP -----	1	E	
	MS28937-50	• • CURRENT LIMITER-OPT DC -----	1	E	
	MS28937-20	• • CURRENT LIMITER-TAXI LT -----	1	E	
	MS28937-20	• • CURRENT LIMITER-BAT CHG BUS -----	1	E	
	MS28937-20	• • CURRENT LIMITER-BAT BUS -----	1	E	
	MS28937-10	• • CURRENT LIMITER-STALL WARN -----	1	E	
	FLLD	• CURRENT LIMITER-FREON -----	1	G	
	FLLH	• CURRENT LIMITER-GEN BUS LH & RH -----	2	C	
	FLLE	• CURRENT LIMITER-FREON -----	1	F	
	FLLH	• CURRENT LIMITER-FREON STAB HEAT -----	1	H	
	FLLC	• CURRENT LIMITER-L & R NAC HEAT -----	2	J	
	2381376-012	• COVER ASSEMBLY-CURRENT LIMITER -----	1	D	
	2318387-010	• COVER ASSEMBLY-CURRENT LIMITER -----	1	E	
		CONTINUED			
		A---ATTACHING PARTS			



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
119 -2	2418069-001 2418069-004 FLLE FLLD	1 2 3 4 5 6 7			
		• SUPPORT ASSEMBLY-CURRENT LIMITER -----	1	H	
		• COVER ASSEMBLY-CURRENT LIMITER -----	1	H	
		• CURRENT LIMITER-FREON COMP -----	1	H	
		• CURRENT LIMITER-STAB HEAT -----	1	H	
		A 003 & ON			
		B 003 THRU 069 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 277, OR ECR 381			
		C 070 & ON & A/C MOD PER ECR 233, ECR 230, ECR 277, OR ECR 381			
		D 012 & 031 WHEN MOD PER ECR 233 & 003 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, OR ECR 381			
		E 003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277, OR ECR 381 EXCEPT A/C 012 & 031			
		F 012 & 031 WHEN MOD PER ECR 233 & 070 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, OR ECR 381 EXCEPT A/C EQUIPPED WITH GOODYEAR HORIZONTAL STABILIZER ANTI-ICE SYSTEM			
		G 003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381 EXCEPT 012 & 031 OR EQUIPPED WITH GOODYEAR HORIZONTAL STABILIZER ANTI-ICE SYSTEM			
		H 003 & ON WHEN GOODYEAR HORIZONTAL STABILIZER ANTI-ICE SYSTEM IS INSTALLED			
		J 080 & ON WHEN MOD PER AAK70-7			
		A---ATTACHING PARTS			



14-76A  
14-48B

Figure 120. Engine Instrumentation Electrical Equipment

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
120 -		ENGINE INSTRUMENTATION ELECT EQUIPMENT		A	
-1	SEE FIGURE 41	• PRESSURE RATIO ELECTRICAL EQUIPMENT -----	1	A	
-2	SEE FIGURE 42	• • INDICATOR-ENGINE PRESSURE RATIO -----	REF	C	
-2A	SEE FIGURE 53	• • TRANSDUCER-ENGINE PRESSURE RATIO -----	REF	C	
	3MC1-200-.250	• • CIRCUIT BREAKER-EPR -----	2	A	
-3	SEE FIGURE 51	• TACHOMETER ELECTRICAL EQUIPMENT -----	1	A	
-4	SEE FIGURE 52	• • GENERATOR-TACHOMETER -----	REF	C	
-5	SEE FIGURE 41	• • INDICATOR-PERCENT OF RPM -----	REF	C	
-6	SEE FIGURE 42	• EXHAUST GAS TEMPERATURE ELECT EQUIP -----	1	A	
-7	SEE FIGURE 42A	• • THERMOCOUPLE ASSY-EGT COMPONENT -----	REF	A	
-8	SEE FIGURE 41	• • INDICATOR-EXHAUST TEMPERATURE -----	REF	C	
-9	SEE FIGURE 42	• FUEL FLOW ELECTRICAL EQUIPMENT -----	1	A	
-10	SEE FIGURE 42A	• • FLOWMETER-ENGINE FUEL -----	REF	C	
-11	SEE FIGURE 41	• • CIRCUIT BOARD-FUEL MONITOR -----	1	B	
-12	SEE FIGURE 42	• • INDICATOR-FUEL FLOW -----	REF	C	
-13	SEE FIGURE 42A	• • SWITCH-FUEL FLOW INDICATOR -----	REF	C	
-14	SEE FIGURE 69	• • COUNTER-FUEL CONSUMPTION -----	REF	C	
	SEE FIGURE 69A	• • CIRCUIT BREAKER-FUEL FLOW -----	1	A	
	7277-4-2	• OIL PRESSURE ELECTRICAL EQUIPMENT -----	1	A	
	SEE FIGURE 50	• • TRANSMITTER-ENGINE OIL PRESSURE -----	REF	C	
	SEE FIGURE 41	• • INDICATOR-OIL PRESSURE -----	REF	C	
	SEE FIGURE 42	CONTINUED			
	SEE FIGURE 42A	A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
120 -15	SEE FIGURE 50	• • SWITCH-ENGINE OIL PRESSURE DIFF -----	REF	C	
-16	SEE FIGURE 42A	• • INDICATOR LIGHT-LOW OIL PRESSURE -----	REF	C	
-17	7277-4-2	• • CIRCUIT BREAKER OIL PRESSURE -----	2	D	
	3MC1-200-.500	• • CIRCUIT BREAKER-OIL PRESSURE -----	2	E	
-18	SEE FIGURE 51	• OIL TEMPERATURE ELECTRICAL EQUIPMENT -----	1	A	
-19	SEE FIGURE 52	• • BULB-ENGINE OIL TEMPERATURE -----	REF	C	
-20	SEE FIGURE 41	• • INDICATOR-OIL TEMPERATURE -----	REF	C	
-21	SEE FIGURE 42A	• • INDICATOR-INSTR CLUSTER OIL TEMP -----	REF	C	
	7277-4-2	• • CIRCUIT BREAKER-OIL TEMP -----	1	A	
		A 003 & ON			
		B 070 & ON & A/C MOD PER ECR 233, ECR 230,			
		ECR 277, ECR 381 OR SK23-180			
		C SEE REF FIGURE FOR USAGE			
		D 012 & 031 WHEN MOD PER ECR 233 & 003 &			
		ON EXCEPT A/C MOD PER ECR 233, ECR 230,			
		ECR 227, ECR 277 OR ECR 381			
		E 003 & ON WHEN MOD PER ECR 233, ECR 230,			
		ECR 227, ECR 277 OR ECR 381 EXCEPT 012			
		& 031			
		A---ATTACHING PARTS			

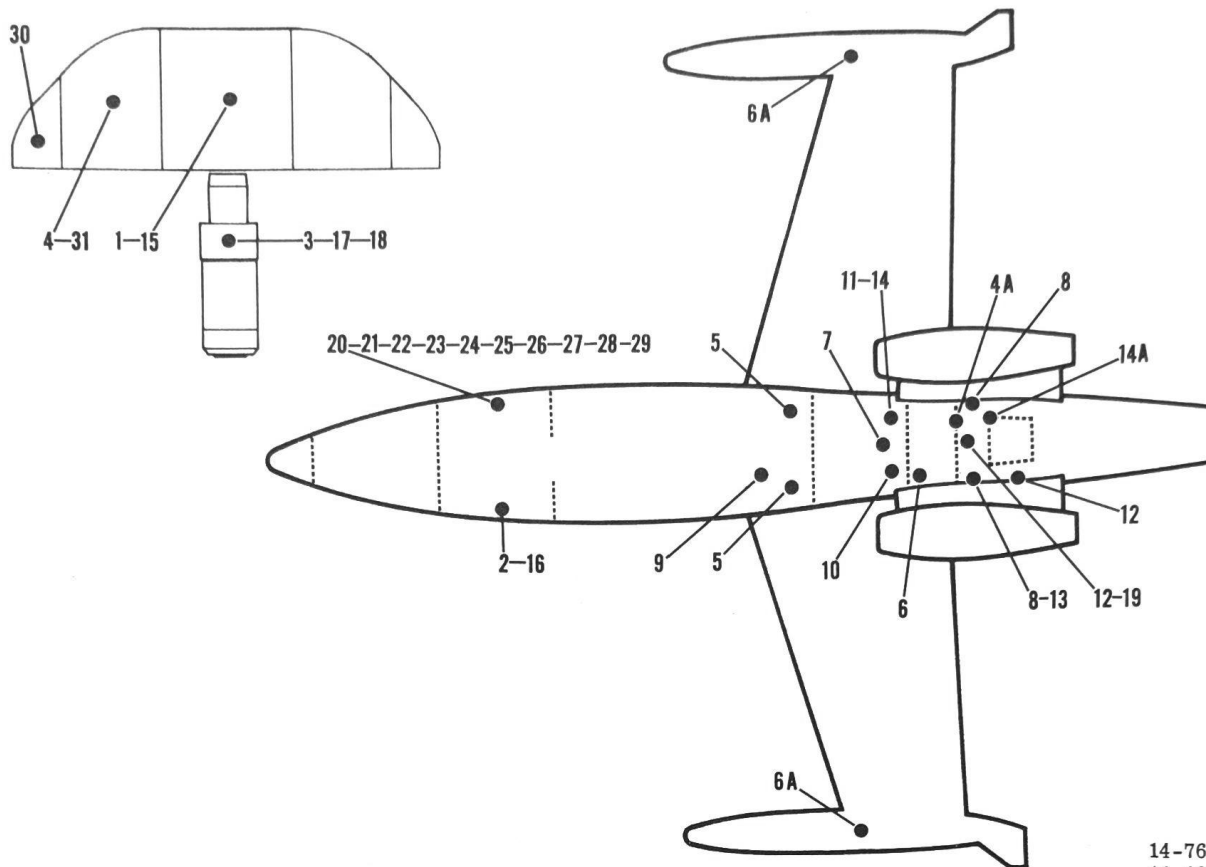
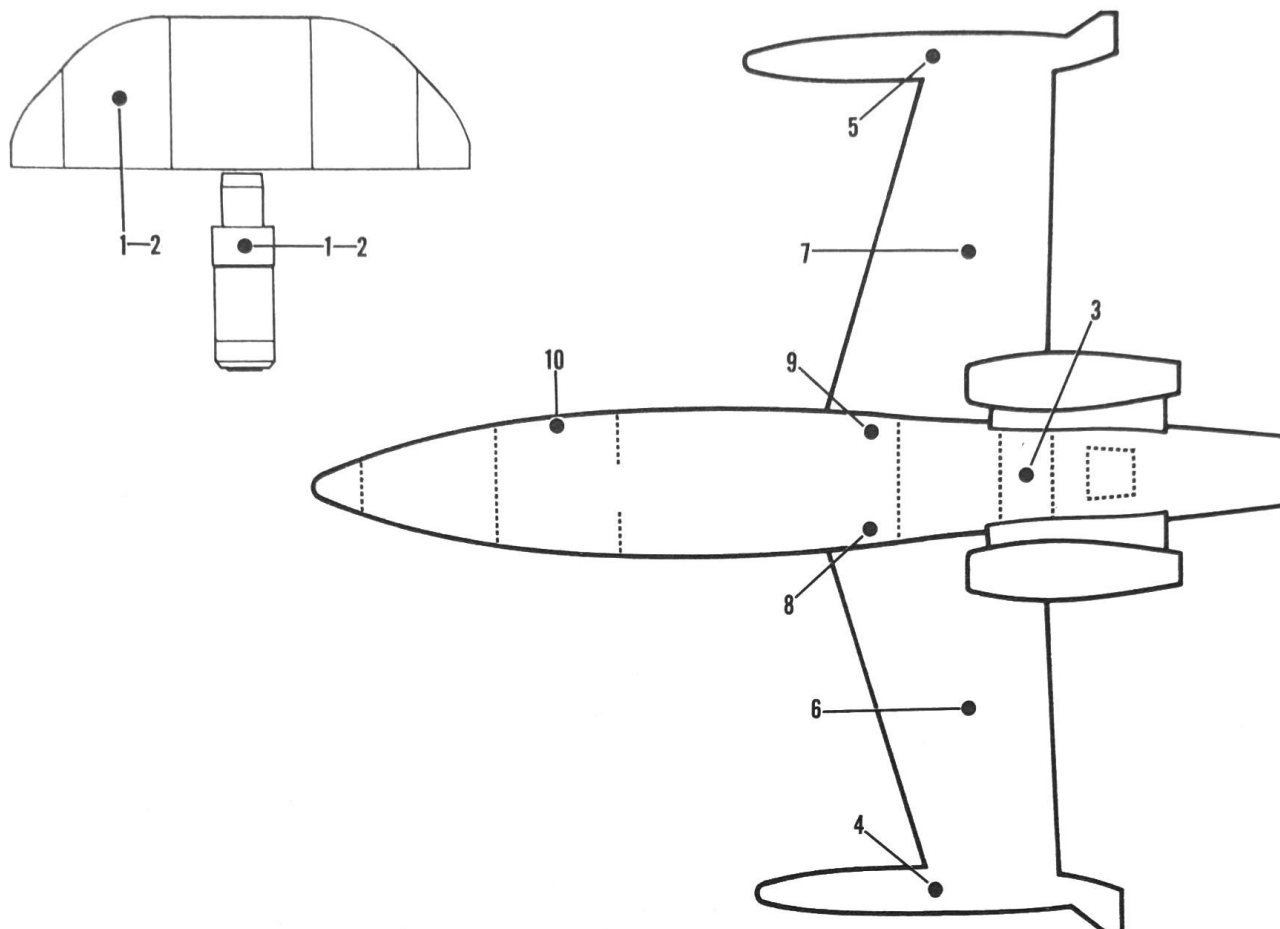


Figure 121. Fuel Control Electrical Equipment

14-76A  
14-48B

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
121 -		FUEL CONTROL ELECTRICAL EQUIPMENT		A	
-1	SEE FIGURE 47	• SWITCH-STANDBY FUEL PUMP LH & RH -----	REF	B	
	SEE FIGURE 47	• SWITCH-FUSELAGE TANK TRANSFER -----	REF	B	
	SEE FIGURE 47	• SWITCH-FUSELAGE TANK FILL & TRANSFER -----	REF	B	
	SEE FIGURE 47	• SWITCH-MAIN PUMPS -----	REF	B	
	SEE FIGURE 47	• SWITCH-TIP TANK PUMPS -----	REF	B	
	SEE FIGURE 47	• SWITCH-JET PUMPS -----	REF	B	
	SEE FIGURE 47	• SWITCH-FUEL CROSSFLOW -----	REF	B	
	SEE FIGURE 47				
-2	SEE FIGURE 48	• SWITCH-GENERATOR START LH & RH -----	REF	B	
	SEE FIGURE 48A	• SWITCH-STANDBY FUEL PUMP LH & RH -----	REF	B	
	SEE FIGURE 48A	• SWITCH-FUSELAGE TANK FILL -----	REF	B	
	SEE FIGURE 48A	• SWITCH-FUSELAGE TANK TRANSFER -----	REF	B	
	SEE FIGURE 48A	• SWITCH-MAIN PUMPS -----	REF	B	
	SEE FIGURE 48A	• SWITCH-TIP TANK PUMPS -----	REF	B	
	SEE FIGURE 48A	• SWITCH-FUEL CROSSFLOW -----	REF	B	
	SEE FIGURE 48A	• SWITCH-GENERATOR START LH & RH -----	REF	B	
-3	SEE FIGURE 69				
	SEE FIGURE 69A	• SWITCH-STANDBY FUEL PUMP LH & RH -----	REF	B	
	SEE FIGURE 69	• SWITCH-FUSELAGE TANK FILL -----	REF	B	
	SEE FIGURE 69	• SWITCH-FUSELAGE TANK TRANSFER -----	REF	B	
	SEE FIGURE 69				
	SEE FIGURE 69A	• SWITCH-FUSELAGE TANK FILL & TRANSFER -----	REF	B	
	SEE FIGURE 69	• SWITCH-MAIN PUMPS -----	REF	B	
	SEE FIGURE 69	• SWITCH-TIP TANK PUMPS -----	REF	B	
	SEE FIGURE 69				
	SEE FIGURE 69A	• SWITCH-JET PUMPS -----	REF	B	
	SEE FIGURE 69				
	SEE FIGURE 69A	• SWITCH-FUEL CROSSFLOW -----	REF	B	
-4	SEE FIGURE 42	• SWITCH-FUSELAGE TANK FILL -----	REF	B	
-4A	SEE FIGURE 55				
	SEE FIGURE 56				
	SEE FIGURE 56A				
	SEE FIGURE 56B	• SWITCH-FLOAT FUSELAGE -----	REF	B	
		CONTINUED			
		A---ATTACHING PARTS			

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
121 -5	SEE FIGURE 61 SEE FIGURE 61A SEE FIGURE 62 SEE FIGURE 63 SEE FIGURE 61 SEE FIGURE 61A SEE FIGURE 62 SEE FIGURE 63 SEE FIGURE 63A SEE FIGURE 63B SEE FIGURE 60	• PUMPS-WING MAIN FUEL LH & RH -----	REF	B	
-6	SEE FIGURE 66	• PUMPS-WING STANDBY FUEL LH & RH -----	REF	B	
-6A	SEE FIGURE 66	• PUMP-FUSELAGE TANK TRANSFER -----	REF	B	
-7	SEE FIGURE 55 SEE FIGURE 56	• PUMP ASSY-FUEL TIP TANK LH & RH -----	REF	B	
	SEE FIGURE 56A SEE FIGURE 56	• VALVE-ENGINE FUEL SHUT OFF LH & RH -----	REF	B	
-8	SEE FIGURE 56A SEE FIGURE 56B SEE FIGURE 56A SEE FIGURE 56B	• VALVE-FUSELAGE FUEL TANK SHUT OFF -----	REF	B	
-9	SEE FIGURE 55 SEE FIGURE 63 SEE FIGURE 63A SEE FIGURE 63B	• VALVE-ENGINE FUEL SHUT OFF LH & RH -----	REF	B	
-10	SEE FIGURE 55 SEE FIGURE 56B	• VALVE-MOTIVE FLOW SHUT OFF LH & RH -----	REF	B	
-11	SEE FIGURE 55 SEE FIGURE 56B	• VALVE-FUEL CROSSFLOW SHUT OFF -----	REF	B	
-12	SEE FIGURE 119	• VALVE-FUSELAGE FUEL TANK REFUEL -----	REF	B	
-13	AN3350-1 AN3350-1 S-401-1 S-402-1 S-401-1 S-402-1	• VALVE-FUSELAGE FUEL TANK TRANSFER -----	REF	B	
-14	PBH-120	• CONTROL PANEL-STARTER GENERATOR -----	REF	B	
-14A	SEE FIGURE 47	• RELAY-FUEL PUMP LH & RH -----	2	D	
-15	SEE FIGURE 47	• RELAY-FUEL PUMP FUSELAGE TANK -----	1	D	
	SEE FIGURE 47	• RELAY-FUEL TRANSFER -----	1	D	
-16	SEE FIGURE 48A	• RELAY-FUEL CONTROL LH & RH START -----	2	D	
-17	SEE FIGURE 69 SEE FIGURE 69A SEE FIGURE 69 SEE FIGURE 69A SEE FIGURE 69	• RELAY-FUEL VALVE -----	1	D	
	SEE FIGURE 69A	• RELAY-REFUEL -----	1	C	
-18	SEE FIGURE 69A	• RELAY-FUEL CONTROL LH & RH START -----	2	G	
-19	700-36-5 7277-4-10	• LAMP-CROSSFLOW VALVE IND -----	REF	B	
-20	700-36-5 7277-4-10	• LAMP-JET PUMP LH & RH IND -----	REF	B	
-21	7277-4-10	• LAMP-FUSE TANK TRANSFER VALVE IND -----	REF	B	
-22	MS25244-10	• LAMP-REFUEL VALVE CLOSED -----	REF	B	
-23	MS25244-10	• LAMP-CROSSFLOW VALVE IND -----	REF	B	
-24	7277-4-10	• LAMP-JET PUMP LH & RH IND -----	REF	B	
-25	7277-4-10	• LAMP-FUSE TANK TRANSFER VALVE IND -----	REF	B	
-26	7277-4-2	• CIRCUIT BOARD-FUEL CONTROL -----	REF	B	
-27	7277-4-2	• CIRCUIT BREAKER-RIGHT STDBY PUMP -----	2	C	
-28	7277-4-2	• CIRCUIT BREAKER-RIGHT STDBY PUMP -----	1	D	
-29	7277-4-7 1/2	• CIRCUIT BREAKER-LEFT STDBY PUMP -----	2	C	
-30	SEE FIGURE 46	• CIRCUIT BREAKER-LEFT STDBY PUMP -----	1	D	
-31	SEE FIGURE 42 SEE FIGURE 42A	• CIRCUIT BREAKER-FUSELAGE PUMP -----	1	A	
		• CIRCUIT BREAKER-RIGHT MAIN PUMP -----	1	E	
		• CIRCUIT BREAKER-LEFT MAIN PUMP -----	1	E	
		• CIRCUIT BREAKER-RIGHT TIP TANK PUMP -----	1	C	
		• CIRCUIT BREAKER-LEFT TIP TANK PUMP -----	1	D	
		• CIRCUIT BREAKER-XFER & FILL CONTROL -----	1	D	
		• CIRCUIT BREAKER-RIGHT JET PUMP VALVE -----	1	F	
		• CIRCUIT BREAKER-LEFT JET PUMP VALVE -----	1	F	
		• CIRCUIT BREAKER-FIREWALL SHUT OFF -----	2	A	
		• SWITCH-FIREWALL SHUTOFF VALVE FUEL & HYDRAULIC -----	REF	B	
		• SWITCH-FIREWALL SHUTOFF VALVE FUEL & HYDRAULIC -----	REF	B	
	A	003 & ON			
	B	SEE REF FIGURE FOR USAGE			
	C	003 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 277, ECR 381, ECR 354 OR ECR 392			
	D	003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381, ECR 354 OR ECR 392			
	E	003 & ON EXCEPT A/C EQUIPPED WITH EJECTOR FUEL PUMPS			
	F	003 & ON WHEN EQUIPPED WITH EJECTOR FUEL PUMPS			
	G	018 THRU 069 WHEN EJECTOR FUEL PUMPS ARE INSTALLED IN THE WING ONLY			
		A---ATTACHING PARTS			

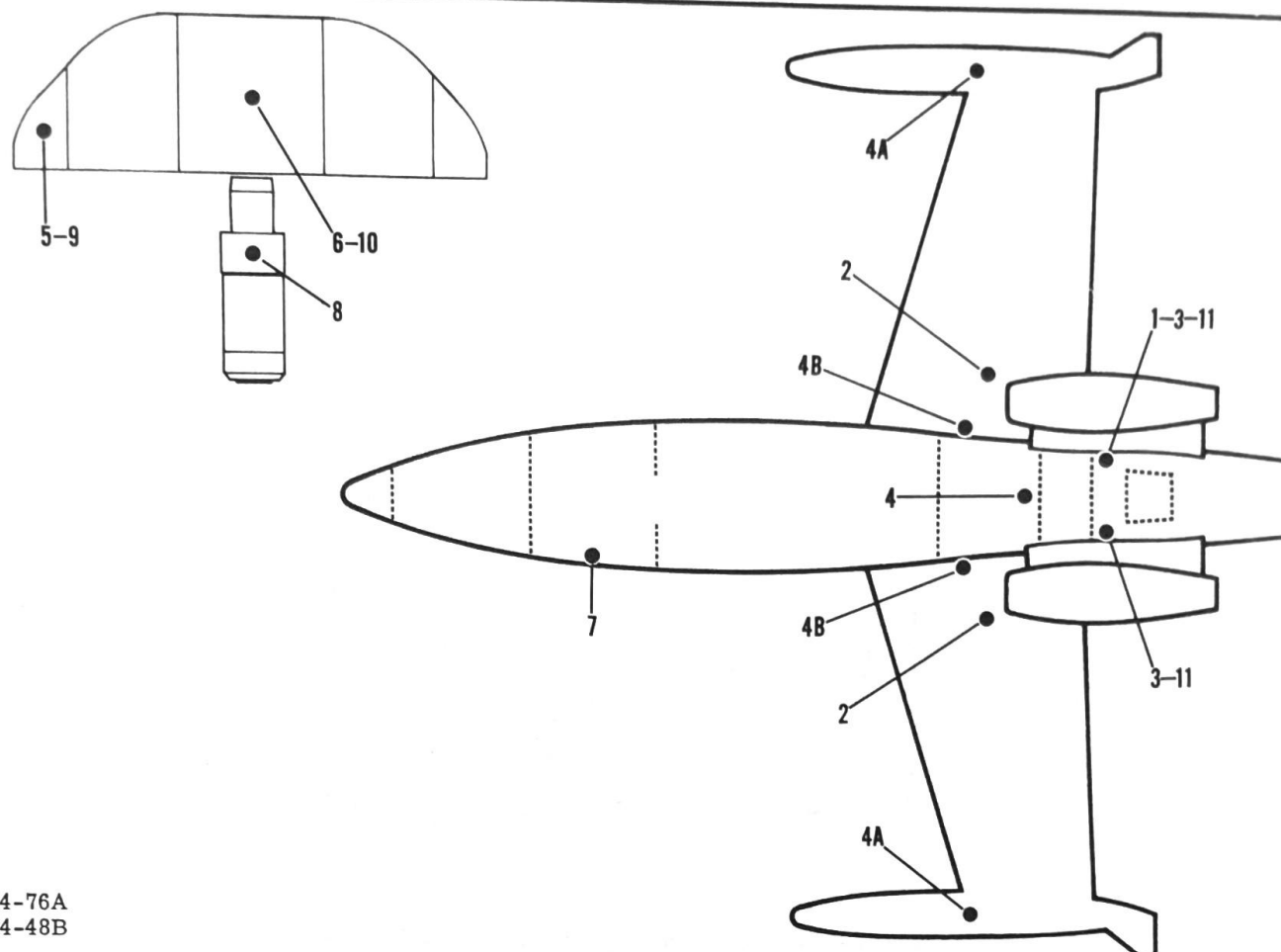


14-76A  
14-48B

Figure 122. Fuel Gaging Electrical Equipment

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
122 -		FUEL GAGING ELECTRICAL EQUIPMENT		A	
-1	SEE FIGURE 41 SEE FIGURE 42 SEE FIGURE 69 SEE FIGURE 69A	• INDICATOR-FUEL QUANTITY ----- • SWITCH ASSEMBLY-FUEL SELECTOR -----	REF 1	B A	
-2	SEE FIGURE 41 SEE FIGURE 42 SEE FIGURE 69 SEE FIGURE 69A SEE FIGURE 41 SEE FIGURE 42 SEE FIGURE 69 SEE FIGURE 69A	• • SWITCH-FUEL SELECTOR -----  • • KNOB-FUEL SELECTOR SWITCH -----	REF	B	
-3	SEE FIGURE 58	• PROBE-FUSELAGE TANK FUEL -----	REF	B	
-4	SEE FIGURE 58	• PROBE-TIP TANK FUEL LH -----	REF	B	
-5	SEE FIGURE 58	• PROBE-TIP TANK FUEL RH -----	REF	B	
-6	SEE FIGURE 58	• PROBE-WING FUEL OUTBD LH -----	REF	B	
-7	SEE FIGURE 58	• PROBE-WING FUEL OUTBD RH -----	REF	B	
-8	SEE FIGURE 58	• PROBE-WING FUEL INBD LH -----	REF	B	
-9	SEE FIGURE 58	• PROBE-WING FUEL INBD RH -----	REF	B	
-10	7277-4-2	• CIRCUIT BREAKER-FUEL QUANTITY -----	1	A	
	A	003 & ON			
	B	SEE REF FIGURE FOR USAGE			
		A---ATTACHING PARTS			

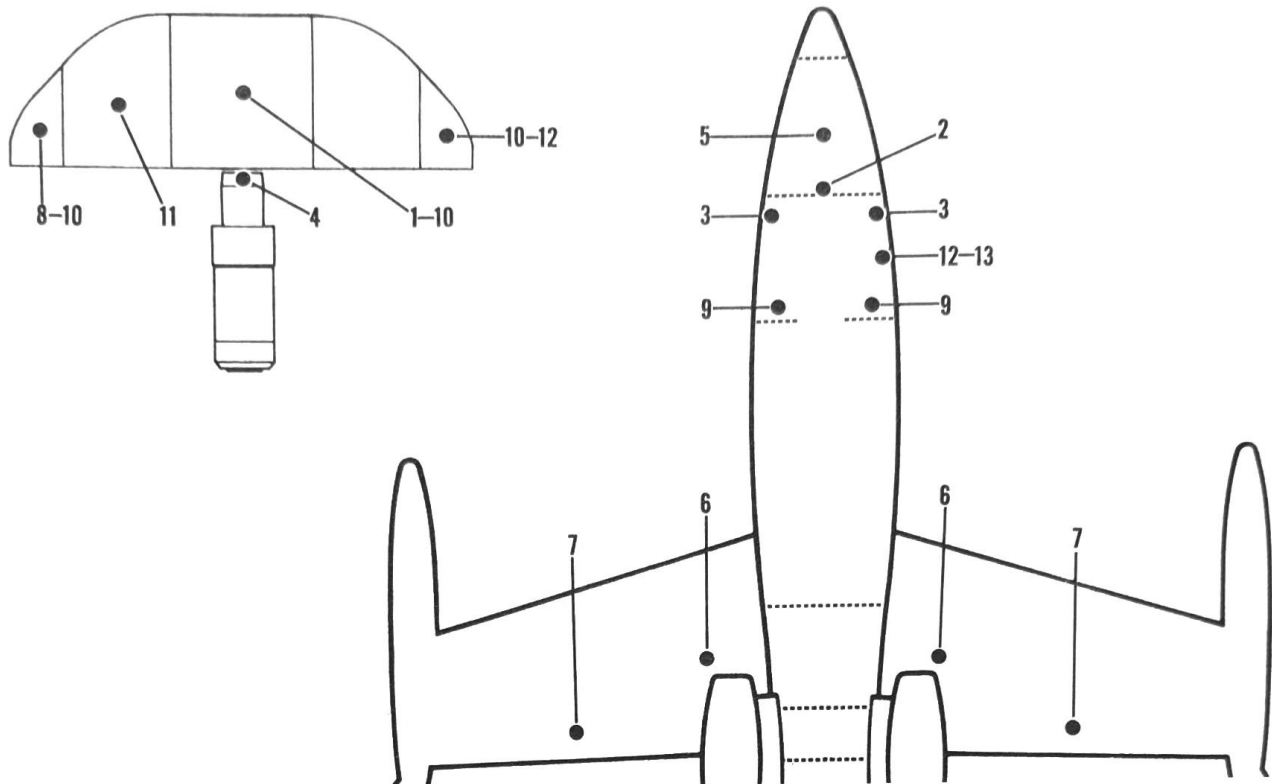




14-76A  
14-48B

Figure 123. Fuel Warning System Electrical Equipment

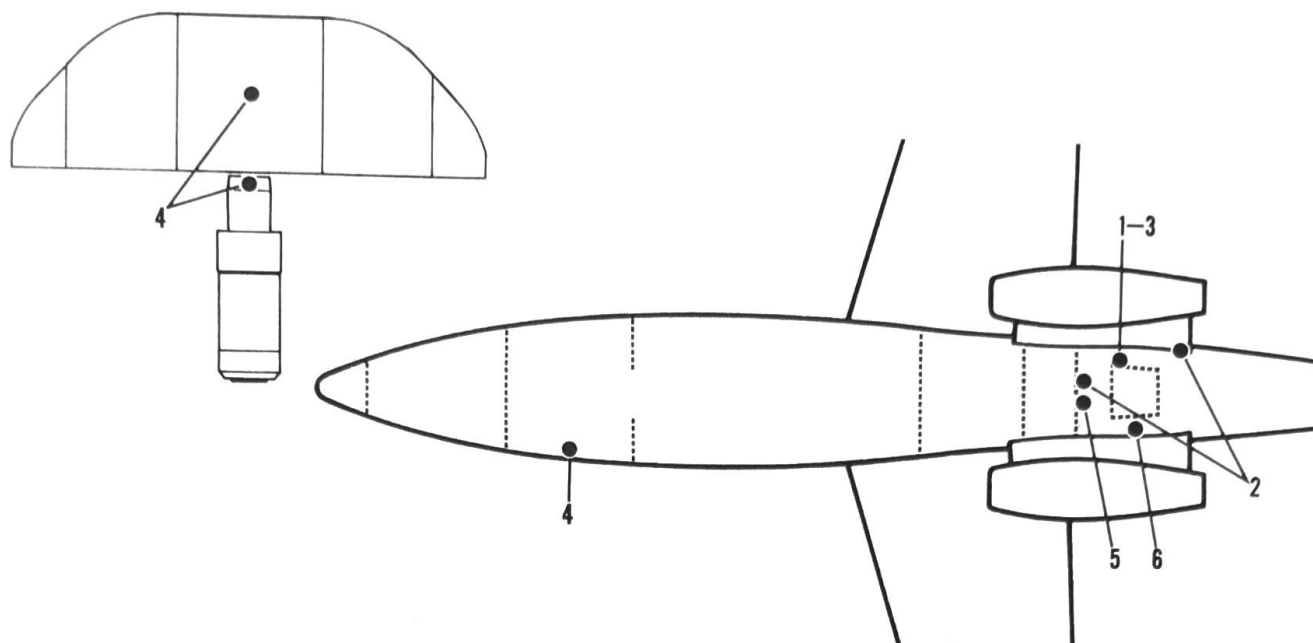
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
123 -		FUEL WARNING SYSTEM ELECTRICAL EQUIPMENT		A	
-1	SEE FIGURE 55 SEE FIGURE 56 SEE FIGURE 56A	• SWITCH-FLOAT FUSELAGE -----	REF	B	
-2	SEE FIGURE 55 SEE FIGURE 56 SEE FIGURE 56A	• SWITCH-FLOAT WING LH & RH -----	REF	B	
-3	SEE FIGURE 55 SEE FIGURE 56 SEE FIGURE 56A	• SWITCH-ENGINE LOW FUEL PRESS LH & RH -----	REF	B	
-4	SEE FIGURE 55 SEE FIGURE 56 SEE FIGURE 56A	• SWITCH-FUSELAGE TANK LOW FUEL PRESSURE -----	REF	B	
-4A	SEE FIGURE 66	• SWITCH-FUEL PRESSURE TIP TANK L & R -----	REF	B	
-4B	SEE FIGURE 61	• SWITCH-SUMP THERMAL WING FUEL L & R -----	REF	B	
-5	SEE FIGURE 46	• CIRCUIT BOARD-WARNING LIGHT -----	REF	B	
-6	SEE FIGURE 47	• CIRCUIT BOARD-WARNING LIGHT -----	REF	B	
-7	SEE FIGURE 48A	• LIGHTS-FUEL SYSTEM INDICATOR -----	REF	B	
-8	SEE FIGURE 69	• LIGHTS-FUEL SYSTEM INDICATOR -----	REF	B	
-9	SEE FIGURE 46	• LIGHT ASSEMBLY-PILOT WARNING -----	REF	B	
-10	SEE FIGURE 47	• LIGHT ASSEMBLY-PILOT WARNING -----	REF	B	
-11	SEE FIGURE 48 SEE FIGURE 59	• LIGHT-HOT FUEL INDICATOR ----- • FILTER ASSEMBLY-FUEL -----	REF REF	B B	
	A B	003 & ON SEE REF FIGURE FOR USAGE			
		A---ATTACHING PARTS			



14-76A  
14-48B

Figure 124. Mach & Aural Warning System Electrical Equipment

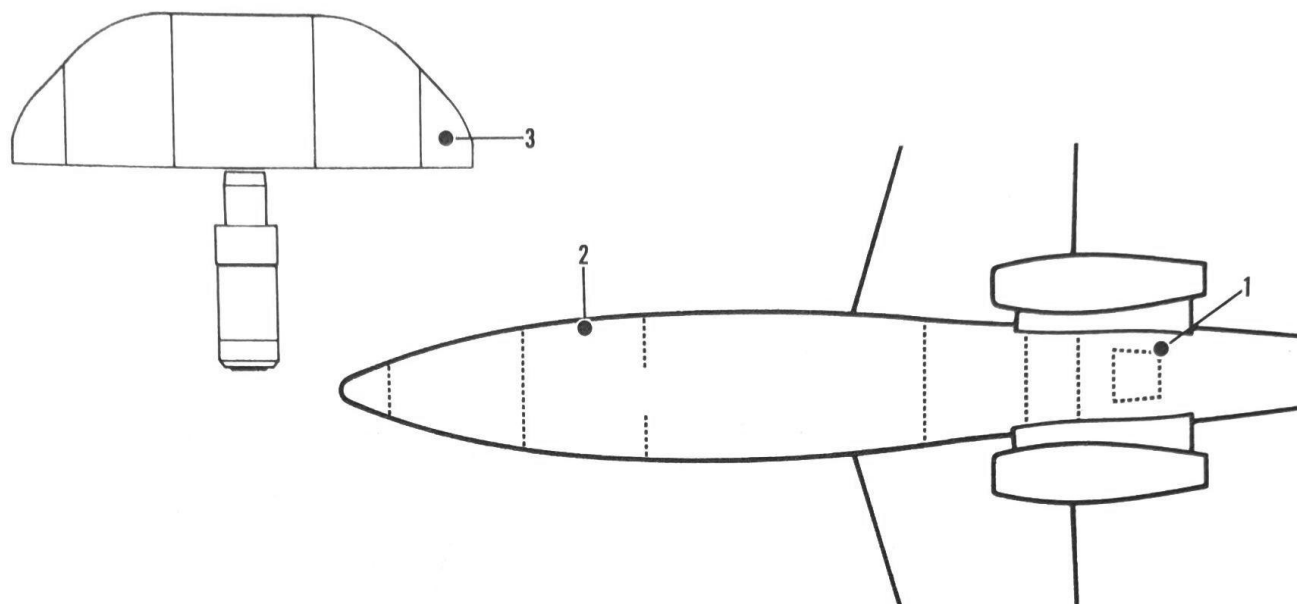
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
124 -		MACH & AURAL WARNING SYS ELEC EQUIPMENT		A	
-1	SEE FIGURE 48	• CIRCUIT BOARD-GEAR WARNING -----	REF	B	
-2	8-1000A-05	• WARNING UNIT-AURAL -----	1	A	
-3	SEE FIGURE 112	• SWITCH-MACH WARNING -----	REF	B	
-4	SEE FIGURE 112	• SWITCH-CABIN PRESSURE WARNING -----	REF	B	
-5	SEE FIGURE 68				
-6	SEE FIGURE 69	• SWITCH-CABIN ALT & MACH TEST -----	REF	B	
-7	SEE FIGURE 69A				
-8	SEE FIGURE 68	• SWITCH-WARNING LIGHTS & HORN SILENCE -----	REF	B	
-9	SEE FIGURE 69	• SWITCH-NOSE GEAR DOWN & LOCKED -----	REF	B	
-10	SEE FIGURE 69A	• SWITCH-NOSE GEAR UP & LOCKED IND -----	REF	B	
-11	SEE FIGURE 28	• SWITCH-MAIN LANDING GEAR DOWN -----	REF	B	
-12	SEE FIGURE 31	• SWITCH-MAIN LANDING GEAR DOOR & STRUT			
-13	SEE FIGURE 23	SEQUENCE -----	REF	B	
-14	SEE FIGURE 85	• SWITCH-LIMIT AURAL WARNING FLAP -----	REF	B	
-15	SEE FIGURE 46	• SWITCH-CABIN ALT & MACH TEST -----	REF	B	
-16	SEE FIGURE 46	• SWITCH-WARNING LIGHTS TEST -----	REF	B	
-17	SEE FIGURE 46	• SWITCH-HORN SILENCE -----	REF	B	
-18	SEE FIGURE 34	• SPEAKER-CREW -----	REF	B	
-19	SEE FIGURE 41	• AUDIO PANEL-PILOT & COPILOT AVIONIC -----	REF	A	
-20	SEE FIGURE 42				
-21	SEE FIGURE 42A				
-22	7277-4-2	• BOX INSTALLATION-GEAR CONTROL -----	REF	B	
-23	7277-4-2	• CIRCUIT BREAKER-AURAL WARNING -----	1	C	
-24	7277-4-2	• CIRCUIT BREAKER-WARNING LIGHTS -----	2	D	
		A 003 & ON			
		B SEE REF FIGURE FOR USAGE			
		C 012 & 031 WHEN MOD PER ECR 233 & 003 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381			
		D 003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381 EXCEPT 012 & 031			
		A---ATTACHING PARTS			



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14-48B

Figure 125. Auxiliary Hydraulic Pump Electrical Equipment

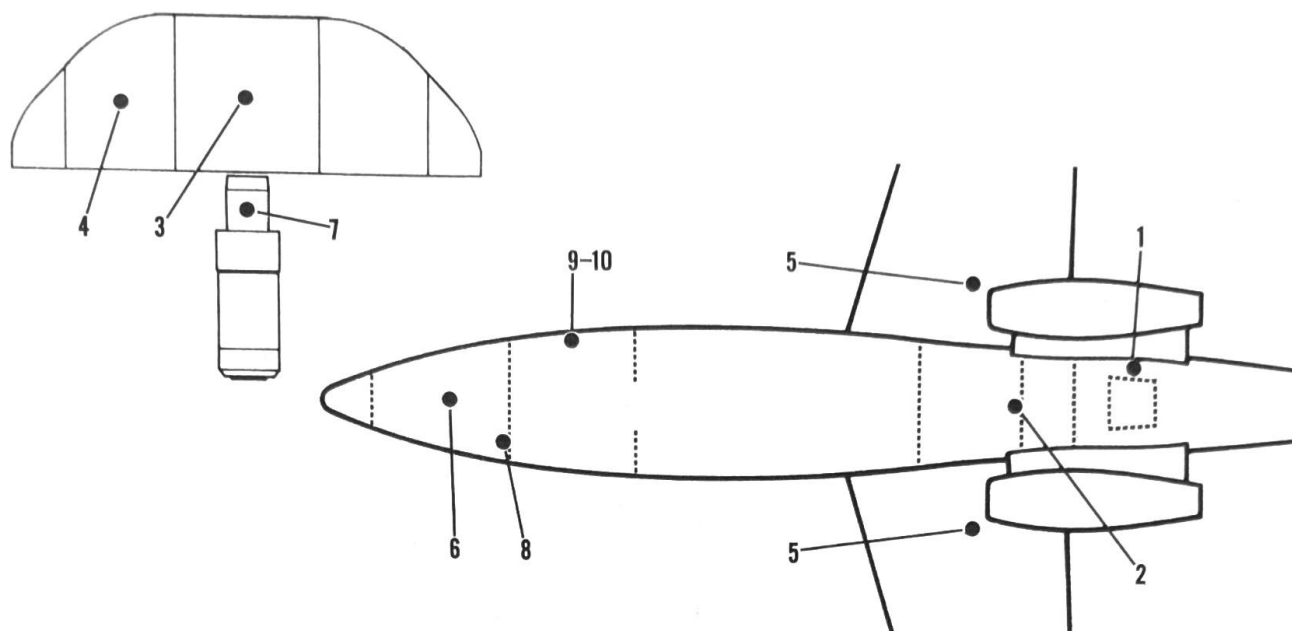
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
125 -		AUXILIARY HYDRAULIC PUMP ELECT EQUIPMENT		A	
-1	SEE FIGURE 96	• PUMP-AUXILIARY HYDRAULIC -----	REF	B	
-2	SEE FIGURE 97	• RELAY-AUXILIARY HYDRAULIC PUMP -----	1	A	
-3	AN3350-1				
-4	SEE FIGURE 96	• SWITCH-HYDRAULIC PUMP PRESSURE -----	REF	B	
-5	SEE FIGURE 47				
-6	SEE FIGURE 48				
	SEE FIGURE 48A				
	SEE FIGURE 69A	• SWITCH-AUX HYD PUMP CONTROL -----	REF	B	
	700-36-50	• CIRCUIT BREAKER-HYD PUMP -----	1	C	
	SEE FIGURE 119	• CURRENT LIMITER-HYD PUMP -----	REF	B	
		A 003 & ON			
		B SEE REF FIGURE FOR USAGE			
		C 012 & 031 WHEN MOD PER ECR 233 & 003 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381			
		A---ATTACHING PARTS			



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Figure 126. Hydraulic Pressure Indicating Electrical Equipment

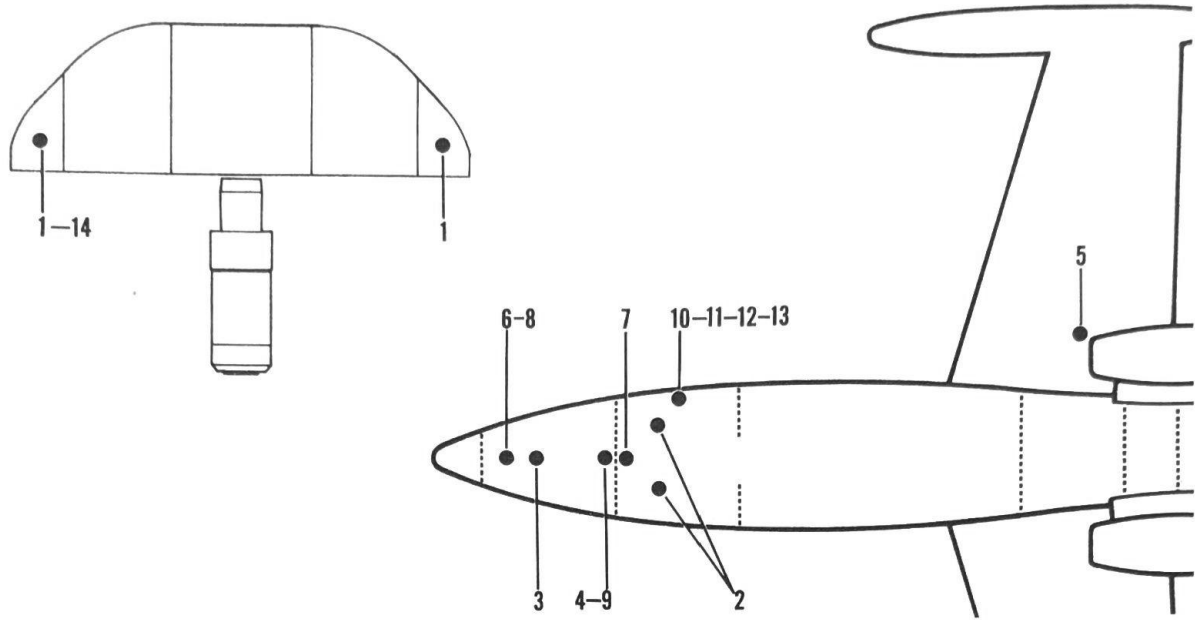
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
126 -		1 2 3 4 5 6 7			
-1	SEE FIGURE 96	HYDRAULIC PRESSURE INDICATING ELEC EQUIP	REF	A	
-2	7277-4-2	• TRANSMITTER-HYDRAULIC PRESSURE -----	1	B	
-3	SEE FIGURE 41	• CIRCUIT BREAKER-HYDRAULIC PRESSURE -----	REF	A	
		• INDICATOR-HYDRAULIC PRESSURE -----		B	
		A 003 THRU 014 EXCEPT A/C MOD PER ECR 233			
		B SEE REF FIGURE FOR USAGE			
		A---ATTACHING PARTS			



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Figure 127. Gear Monitor &amp; Control Electrical Equipment

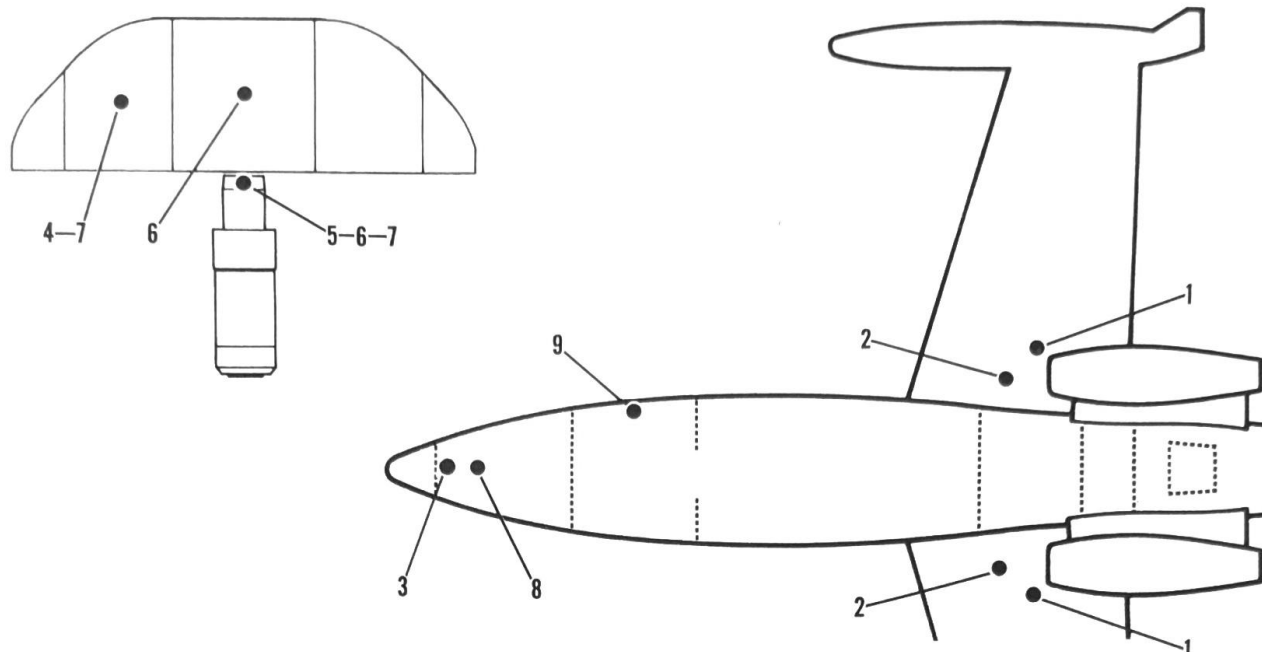
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
127 -		GEAR MONITOR AND CONTROL ELECT EQUIPMENT		A	
-1	SEE FIGURE 96	• VALVE-GEAR SELECTOR -----	REF	B	
-2	SEE FIGURE 97	• VALVE-MAIN GEAR DOOR CONTROL -----	REF	B	
-3	SEE FIGURE 92	• CIRCUIT BOARD-GEAR WARNING -----	REF	B	
-4	SEE FIGURE 41				
	SEE FIGURE 42				
	SEE FIGURE 42A	• BOX INSTALLATION-GEAR CONTROL -----	REF	B	
-5	SEE FIGURE 23	• SWITCH-MAIN LANDING GEAR DOWN -----	REF	B	
	SEE FIGURE 27	• SWITCH-INDICATOR L & R GEAR DOOR UP -----	REF	B	
	SEE FIGURE 23	• SWITCH-MAIN LANDING GEAR DOOR & STRUT SEQUENCE -----	REF	B	
	SEE FIGURE 8	• SWITCH-MAIN GEAR DOOR DOWN LIMIT -----	REF	B	
	SEE FIGURE 23	• SWITCH-MAIN GEAR SAFETY RH ONLY -----	REF	B	
	SEE FIGURE 23	• SWITCH-MAIN GEAR SQUAT -----	REF	B	
-6	SEE FIGURE 28	• SWITCH-NOSE GEAR DOWN & LOCKED -----	REF	B	
	SEE FIGURE 31	• SWITCH-NOSE GEAR UPLATCH -----	REF	B	
-7	SEE FIGURE 70	• SWITCH-GEAR WARNING -----	REF	B	
-8	67-07-6	• RELAY-LANDING GEAR CONTROL -----	1	C	
-9	7277-4-2	• CIRCUIT BREAKER-GEAR -----	1	A	
-10	SEE FIGURE 124	• CIRCUIT BREAKER-WARNING LIGHTS -----	REF	B	
		A 003 & ON			
		B SEE REF FIGURE FOR USAGE			
		C 024 THRU 079 EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, OR ECR 381			
		A---ATTACHING PARTS			



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14-48B

Figure 128. Nose Gear Steering Electrical Equipment

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				1 2 3 4 5 6 7	THRU
128 -		NOSE GEAR STEERING ELECTRICAL EQUIPMENT			A
-1	SEE FIGURE 42 SEE FIGURE 42A SEE FIGURE 46				
-2	SEE FIGURE 71	• SWITCH-PRIMARY STEERING -----	REF		B
-3	SEE FIGURE 31	• SWITCH-MASTER CUTOUT LH & RH -----	REF		B
-4	SEE FIGURE 28	• SWITCH-NOSE GEAR UPLATCH -----	REF		B
-5	SEE FIGURE 23	• SWITCH-NOSE GEAR DOWN & LOCKED -----	REF		B
-6	S-401-1 2B-1E-126	• SWITCH-GEAR SQUAT -----	REF		B
-7	SEE FIGURE 72	• RELAY-NOSE WHEEL STEERING -----	1		A
-8	4-2021	• RELAY-NOSE WHEEL STEERING -----	1		D
-9	SEE FIGURE 131	• POTENTIOMETER-RUDDER POSITION -----	REF		B
-10	SEE FIGURE 30	• COMPUTER-NOSE GEAR STEERING -----	1		C
-11	7277-4-2	• COMPUTER-STALL WARN & NOSE GEAR STEER -----	REF		B
-12	3MC1-200-.500	• ACTUATOR-NOSE GEAR STEERING -----	REF		B
-13	7277-4-7 1/2	• CIRCUIT BREAKER-NOSE STEER 115V AC -----	1		E
-14	SEE FIGURE 133	• CIRCUIT BREAKER-NOSE STEER 115V AC -----	1		F
	2508813-006	• CIRCUIT BREAKER-NOSE STEER 28V DC -----	1		A
		• CIRCUIT BREAKER-ROLL TRIM TAB -----	REF		B
		• CIRCUIT BOARD-STEER LOCK -----	1		G
		A 003 & ON			
		B SEE REF FIGURE FOR USAGE			
		C 003 THRU 011 EXCEPT A/C MOD PER ECR 233			
		D 003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277, OR ECR 381			
		E 012 & 031 WHEN MOD PER ECR 233 & 003 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381			
		F 003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381 EXCEPT 012 & 031			
		G 003 & ON WHEN MOD PER AAK70-6			
		A---ATTACHING PARTS			

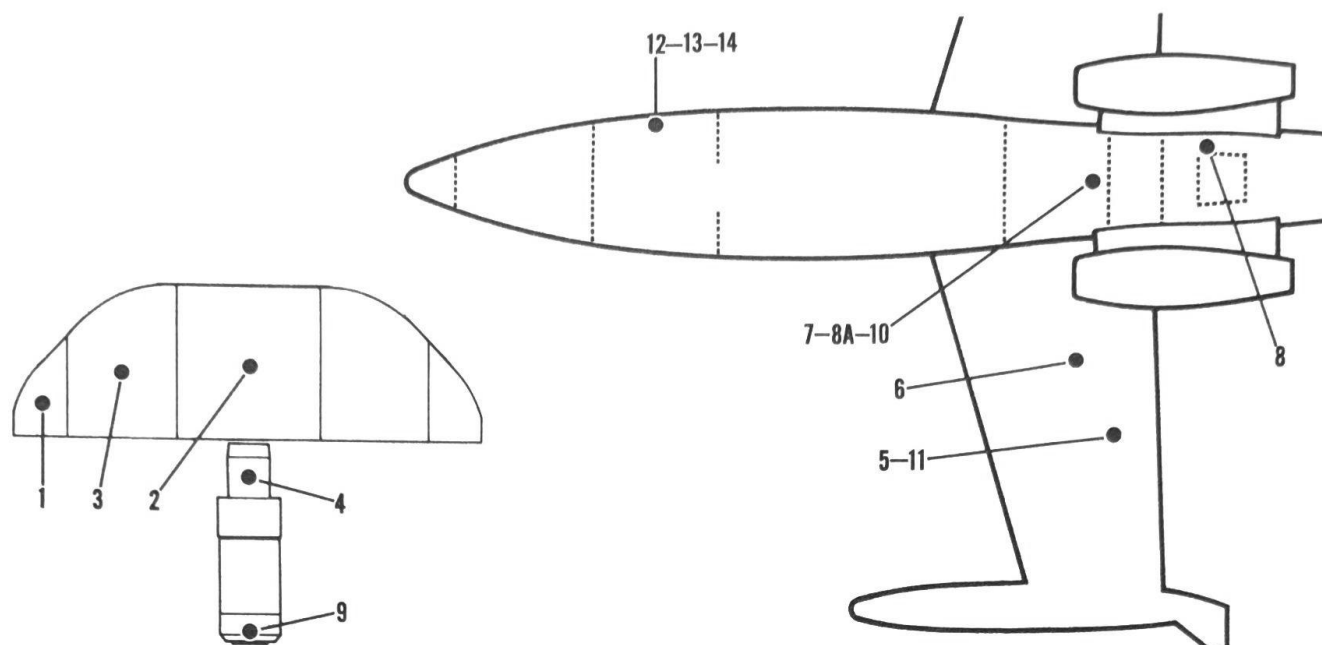


14-76A  
14-48B

Figure 129. Anti-Skid System Electrical Equipment

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				1 2 3 4 5 6 7	THRU
129 -		ANTI-SKID SYSTEM ELECTRICAL EQUIPMENT			A
-1	3-3001	• TRANSMITTER-ANTI SKID WHEEL WHEN EXHAUSTED USE 2494101-001 -----	4		A
	2494101-001	• GENERATOR KIT-ANTI SKID WHEEL -----	4		E
	9544282	• . GENERATOR-ANTI SKID WHEEL -----	1		F
-2	SEE FIGURE 99	• VALVE-ANTI-SKID SOLENOID -----	REF		B
-3	SEE FIGURE 99A	• CIRCUIT BOARD-ANTI SKID CONTROL -----	1		C
	3-3000SA-1	• CIRCUIT BOARD-ANTI SKID CONTROL -----	1		D
	9544303	• CIRCUIT BOARD-ANTI SKID CONTROL ALT -----	1		D
	9543005M	FOR 9544303 -----	1		D
-4	SEE FIGURE 42A	• LIGHT ASSY-ANTI-SKID INDICATOR -----	REF		B
-5	SEE FIGURE 68	• LAMP-ANTI-SKID TEST -----	REF		B
-6	SEE FIGURE 47	• SWITCH-ANTI-SKID CONTROL -----	REF		B
-7	SEE FIGURE 48	• SWITCH-ANTI-SKID TEST -----	REF		B
-8	SEE FIGURE 68	• RELAY-ANTI-SKID -----	1		G
-9	SEE FIGURE 69	• CIRCUIT BREAKER-ANTI-SKID -----	1		A
	S-401-1				
	7277-4-7 1/2				
		A 003 & ON			
		B SEE REF FIGURE FOR USAGE			
		C 003 & ON EXCEPT A/C MOD PER SK23/24-322A			
		D 003 & ON WHEN MOD PER SK23/24-322A			
		E SPARE FOR 3-3001			
		F COMPONENT OF 2494101-001 KIT			
		G 040 & ON			
		A---ATTACHING PARTS			





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14-48B

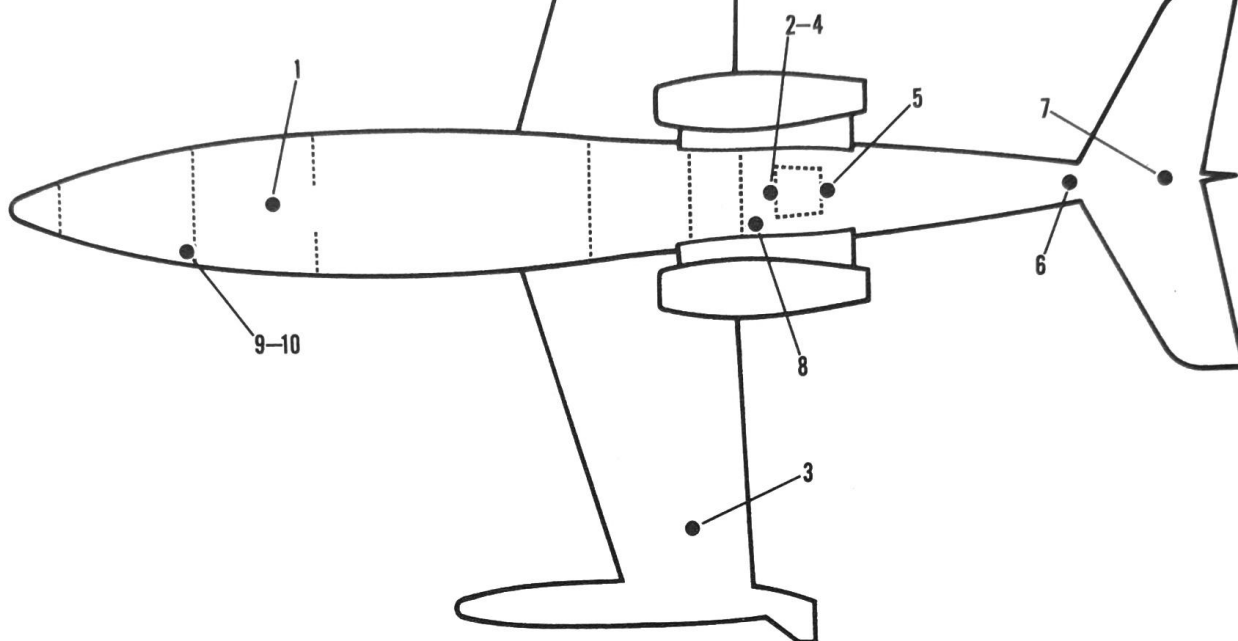
Figure 130. Flap & Spoiler Control Electrical Equipment

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
130 -		FLAP & SPOILER CONTROL ELECT EQUIPMENT			
-1	SEE FIGURE 46	• LIGHT ASSEMBLY-PILOT WARNING -----	REF	A	B
-2	SEE FIGURE 47				
-3	SEE FIGURE 48	• LIGHT ASSEMBLY-PILOT WARNING -----	REF	B	
	SEE FIGURE 41				
	SEE FIGURE 42				
-4	SEE FIGURE 42A	• INDICATOR-FLAP POSITION -----	REF	B	
	SEE FIGURE 68				
	SEE FIGURE 69				
	SEE FIGURE 69A	• SWITCH ASSEMBLY-FLAP CONTROL -----	REF	B	
	SEE FIGURE 68				
	SEE FIGURE 69				
	SEE FIGURE 69A	• SWITCH ASSEMBLY-SPOILER CONTROL -----	REF	B	
-5	SEE FIGURE 85	• SWITCH-LIMIT FLAP ACTUATOR -----	REF	B	
-6	SEE FIGURE 7	• SWITCH-SPOILER EXTENDED INDICATOR -----	REF	B	
-7	SEE FIGURE 82	• SWITCH-LIMIT FLAP ACTUATOR -----	REF	B	
-8	SEE FIGURE 96				
	SEE FIGURE 97	• VALVE-SPOILER CONTROL -----	REF	B	
-8A	SEE FIGURE 94				
	SEE FIGURE 95	• VALVE-FLAP CONTROL -----	REF	B	
-9	SEE FIGURE 68				
	SEE FIGURE 69				
	SEE FIGURE 69A	• CIRCUIT BOARD ASSEMBLY-TRIM POSITION -----	REF	B	
-10	SEE FIGURE 82	• POTENTIOMETER-FLAP POSITION -----	REF	B	
-11	SEE FIGURE 85	• POTENTIOMETER-FLAP POSITION -----	REF	B	
-12	7277-4-2	• CIRCUIT BREAKER-FLAPS -----	1	A	
-13	7277-4-2	• CIRCUIT BREAKER-SPOILER -----	1	A	
-14	SEE FIGURE 133	• CIRCUIT BREAKER-TAB & FLAP POSITION -----	REF	B	
	A	003 & ON			
	B	SEE REF FIGURE FOR USAGE			
		A---ATTACHING PARTS			



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
131 -16	7277-4-5	• CIRCUIT BREAKER-L STALL WARN -----	1	L	
	7277-4-5	• CIRCUIT BREAKER-R STALL WARN -----	1	L	
		A 003 & ON			
		B SEE REF FIGURE FOR USAGE			
		C 003 THRU 011 EXCEPT A/C MOD PER ECR 233			
		D 012 & ON & A/C MOD PER ECR 233			
		E SPARE FOR 2314112-001			
		F SPARE FOR 2314112-002			
		G 003 THRU 057			
		H 058 & ON & SPARE FOR 4-8049 OR			
		2380071-004			
		J SPARE FOR 4-8049 OR 2380071-001			
		K 012 & 031 WHEN MOD PER ECR 233 & 003 &			
		ON EXCEPT A/C MOD PER ECR 233, ECR 230,			
		ECR 227, ECR 277 OR ECR 381			
		L 003 & ON WHEN MOD PER ECR 233, ECR 230,			
		ECR 227, ECR 277 OR ECR 381 EXCEPT 012			
		& 031			
		A---ATTACHING PARTS			

11—WIRING DIAGRAM AUTHORITY  
ELECTRICAL & AVIONIC EQUIPMENT



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Figure 132. Autopilot System Electrical Equipment

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				1 2 3 4 5 6 7	THRU
132 -		AUTOPILOT SYSTEM ELECTRICAL EQUIPMENT			A
-1	SEE FIGURE 86	• SERVO ASSY-MOTOR DRIVE ROLL -----	REF		B
-2	SEE FIGURE 86	• SERVO ASSY-MOTOR DRIVE PITCH -----	REF		B
	SEE FIGURE 86	• SERVO ASSY-MOTOR DRIVE YAW -----	REF		B
-3	SEE FIGURE 86	• FOLLOW UP POTENTIOMETER ROLL -----	REF		B
-4	SEE FIGURE 86A	• FOLLOW UP POTENTIOMETER ROLL -----	REF		B
-5	SEE FIGURE 86	• FOLLOW UP POTENTIOMETER PITCH & YAW -----	REF		B
-6	SEE FIGURE 86	• FOLLOW UP POTENTIOMETER PITCH -----	REF		B
-7	SEE FIGURE 86	• FOLLOW UP POTENTIOMETER YAW -----	REF		B
-8	SEE FIGURE 87	• CONTROLLER-AUTOPILOT ALTITUDE -----	REF		B
-9	SEE FIGURE 87	• CONTROLLER-AUTOPILOT ALTITUDE -----	REF		B
-10	SEE FIGURE 87	• SOLENOID VALVE-DRAIN -----	REF		B
-11	SEE NOTE 1	• EQUIPMENT-WIRING DIAGRAM AUTHORITY ELECTRICAL & AVIONIC -----	REF		A
	NOTE 1	SEE WIRING DIAGRAM FOR REMAINDER OF THE AUTOPILOT SYSTEM ELECTRICAL EQUIPMENT			
	A	003 & ON			
	B	SEE REF FIGURE FOR USAGE			
		A---ATTACHING PARTS			

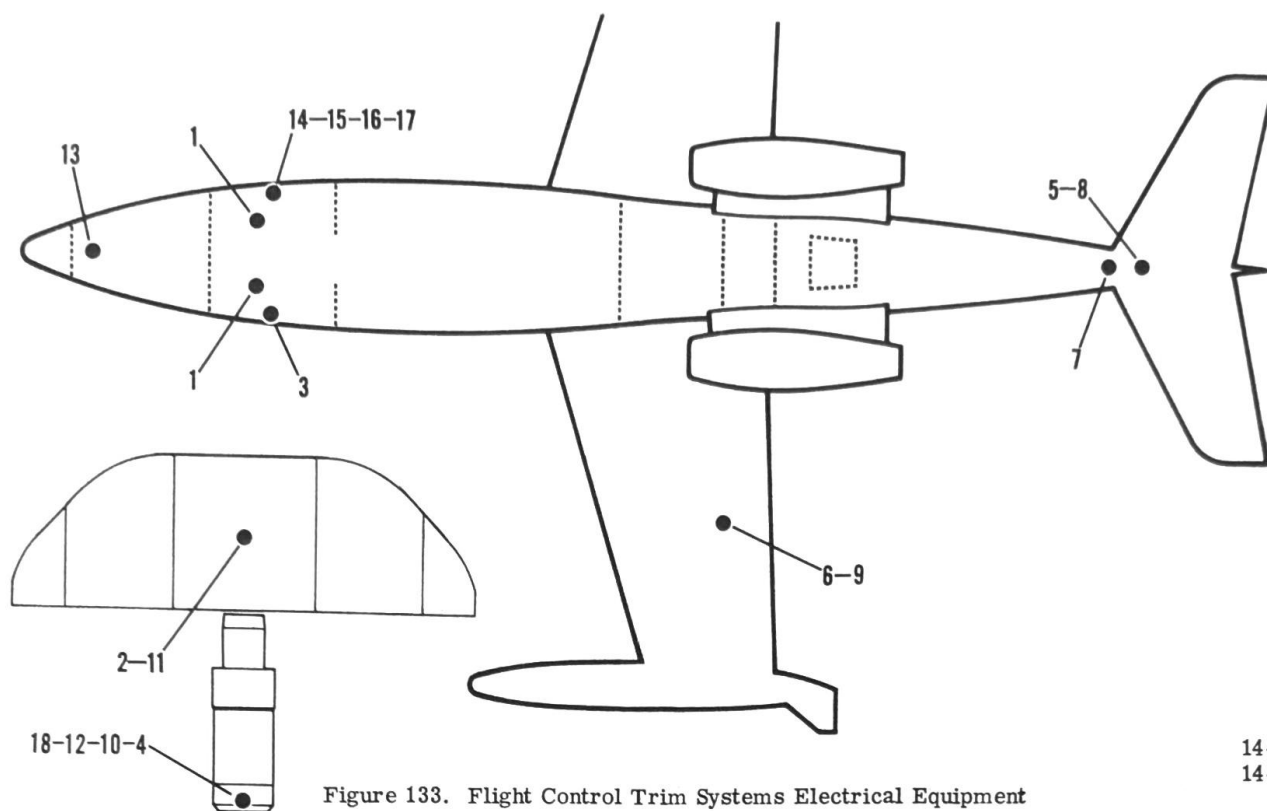
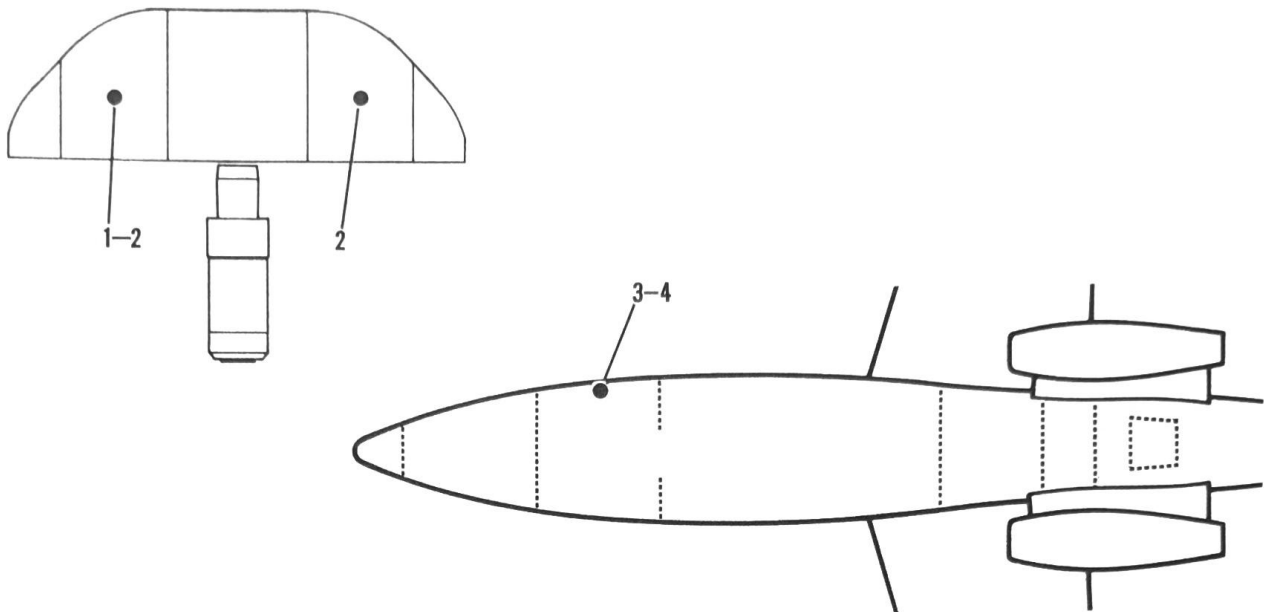


Figure 133. Flight Control Trim Systems Electrical Equipment

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14-48B

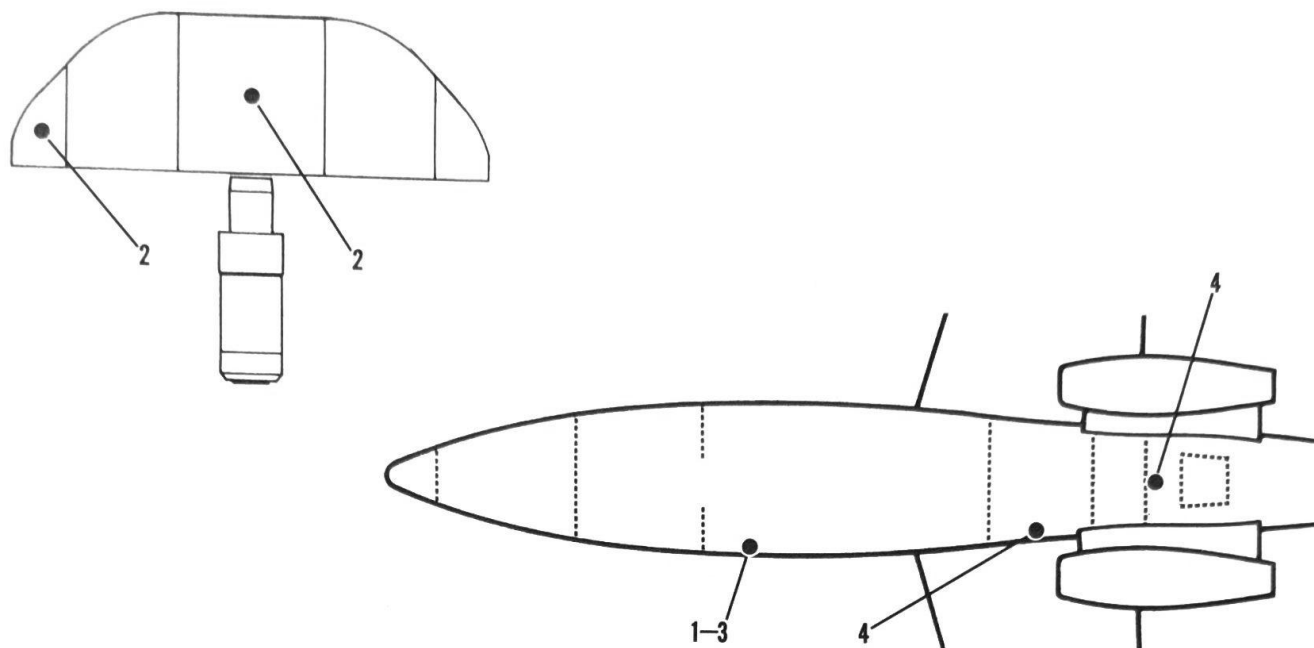
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
133 -		FLIGHT CONTROL TRIM SYSTEMS ELECT EQUIP		A	
-1	SEE FIGURE 71	• SWITCHES-PILOT & COPILOT TRIM CONTROL -----	REF	B	
-2	SEE FIGURE 47				
-3	SEE FIGURE 48	• SWITCHES-PITCH TRIM -----	REF	B	
-4	SEE FIGURE 48A	• SWITCHES-PITCH TRIM -----	REF	B	
	SEE FIGURE 68				
	SEE FIGURE 69				
	SEE FIGURE 69A	• SWITCHES-PITCH TRIM -----	REF	B	
	SEE FIGURE 68				
	SEE FIGURE 69				
	SEE FIGURE 69A	• SWITCH-YAW TRIM CONTROL -----	REF	B	
-5	SEE FIGURE 22	• ACTUATOR ASSEMBLY-TRIM TAB RUDDER -----	REF	B	
-6	SEE FIGURE 4	• ACTUATOR ASSEMBLY-TRIM TAB AILERON -----	REF	B	
-7	SEE FIGURE 20	• ACTUATOR ASSEMBLY-HORIZ STAB -----	REF	B	
-8	SEE FIGURE 22	• POTENTIOMETER-POSITION IND RUDDER -----	REF	B	
-9	SEE FIGURE 4	• POTENTIOMETER-POSITION IND AILERON -----	REF	B	
-10	SEE FIGURE 68				
	SEE FIGURE 69				
	SEE FIGURE 69A	• CIRCUIT BOARD ASSEMBLY-TRIM POSITION -----	REF	B	
-11	SEE FIGURE 48	• CIRCUIT BOARD-GEAR WARNING -----	REF	B	
-12	SEE FIGURE 68				
	SEE FIGURE 69				
	SEE FIGURE 69A	• PANEL ASSEMBLY-TRIM POSITION INDICATOR -----	REF	B	
-13	S-401-1	• RELAY-PILOT AUTHORITY -----	1	A	
-14	7277-4-2	• CIRCUIT BREAKER-YAW TRIM TAB -----	1	A	
-15	7277-4-2	• CIRCUIT BREAKER-ROLL TRIM TAB -----	1	A	
-16	7277-4-7 1/2	• CIRCUIT BREAKER-PITCH TRIM TAB -----	1	C	
	7277-4-5	• CIRCUIT BREAKER-PITCH TRIM TAB -----	1	D	
-17	7277-4-2	• CIRCUIT BREAKER-TAB & FLAP POSITION -----	1	A	
-18	700-36-705	• CIRCUIT BREAKER-EMERGENCY PITCH TRIM -----	1	E	
	7277-4-7 1/2	• CIRCUIT BREAKER-EMERGENCY PITCH TRIM -----	1	F	
		A 003 & ON			
		B SEE REF FIGURE FOR USAGE			
		C 003 & ON EXCEPT 076			
		D 076 ONLY			
		E 012 & 031 WHEN MOD PER ECR 233 & 003 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381			
		F 003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381 EXCEPT 012 & 031			
		A---ATTACHING PARTS			



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Figure 134. Turn and Bank Electrical Equipment

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION  1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
134 -		TURN & BANK ELECTRICAL EQUIPMENT			
-1	SEE FIGURE 42A 2308125-002	• INDICATOR-TURN COORDINATOR TYPE 24-4 -----	REF	A	
-2	SEE FIGURE 41 SEE FIGURE 42 SEE FIGURE 42A SEE FIGURE 41 SEE FIGURE 42A	• CIRCUIT BOARD-TURN & BANK -----	1	B	
		• INDICATOR-TURN & BANK -----	REF	C	
-3	7277-4-2	• LIGHT ASSY-TURN & BANK WARN -----	REF	B	
-4	7277-4-2	• CIRCUIT BREAKER-LEFT TURN & BANK -----	1	A	
		• CIRCUIT BREAKER-RIGHT TURN & BANK -----	1	A	
		A 003 & ON			
		B SEE REF FIGURE FOR USAGE			
		C 003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277, OR ECR 381			
		A---ATTACHING PARTS			

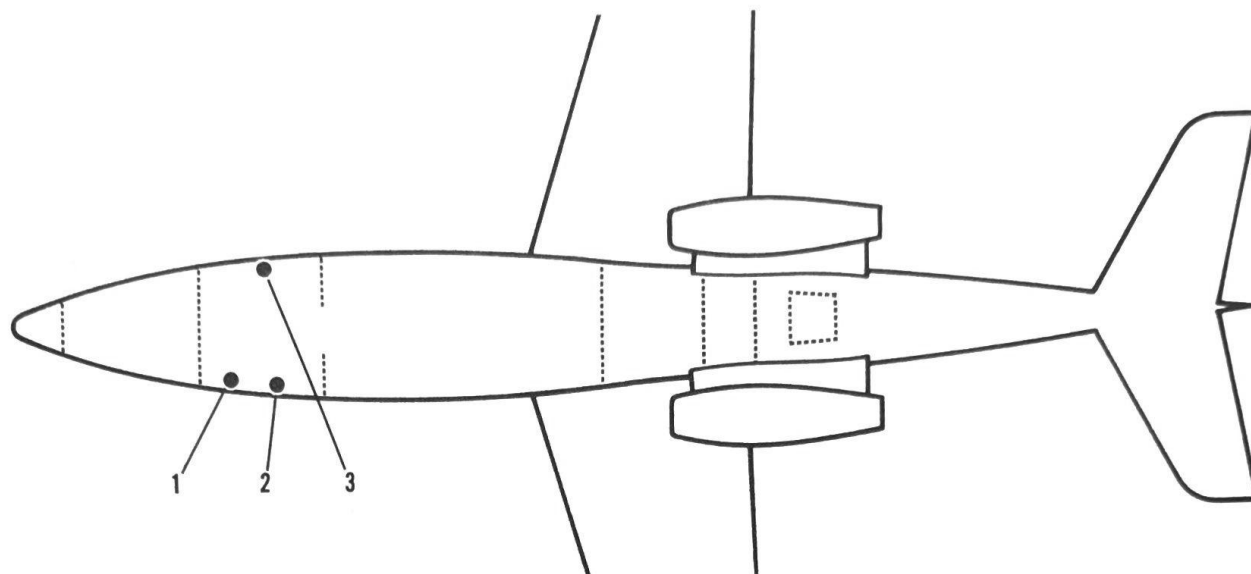


14-76A  
14-48B

Figure 135. Cabin Door Electrical Equipment

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
135 -		1 2 3 4 5 6 7			
-1	SEE FIGURE 18	CABIN DOOR ELECTRICAL EQUIPMENT		A	
-2	SEE FIGURE 46	• ACTUATOR-CABIN DOOR LOCK -----	REF	B	
	SEE FIGURE 47				
-3	SEE FIGURE 48	• LIGHT ASSEMBLY-PILOT WARNING -----	REF	B	
	SEE FIGURE 18	• SWITCH-CABIN DOOR INSIDE LOCK -----	REF	B	
	SEE FIGURE 18	• SWITCH-CABIN DOOR OUTSIDE KEY LOCK -----	REF	B	
	SEE FIGURE 18	• SWITCH-CABIN DOOR HOOKED INDICATOR -----	REF	B	
	SEE FIGURE 16	• SWITCHES-UPPER CABIN DR PIN LOCK IND -----	REF	B	
	SEE FIGURE 15A	• SWITCHES-LWR CABIN DR PIN LOCK IND -----	REF	B	
-4	700-36-5	• CIRCUIT BREAKER-CABIN DOOR ACTUATOR -----	1	C	
	7277-4-5	• CIRCUIT BREAKER-CABIN DOOR ACTUATOR -----	1	D	
		A 003 & ON			
		B SEE REF FIGURE FOR USAGE			
		C 012 & 031 WHEN MOD PER ECR 233 & 003 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381			
		D 003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381 EXCEPT 012 & 031			
		A---ATTACHING PARTS			

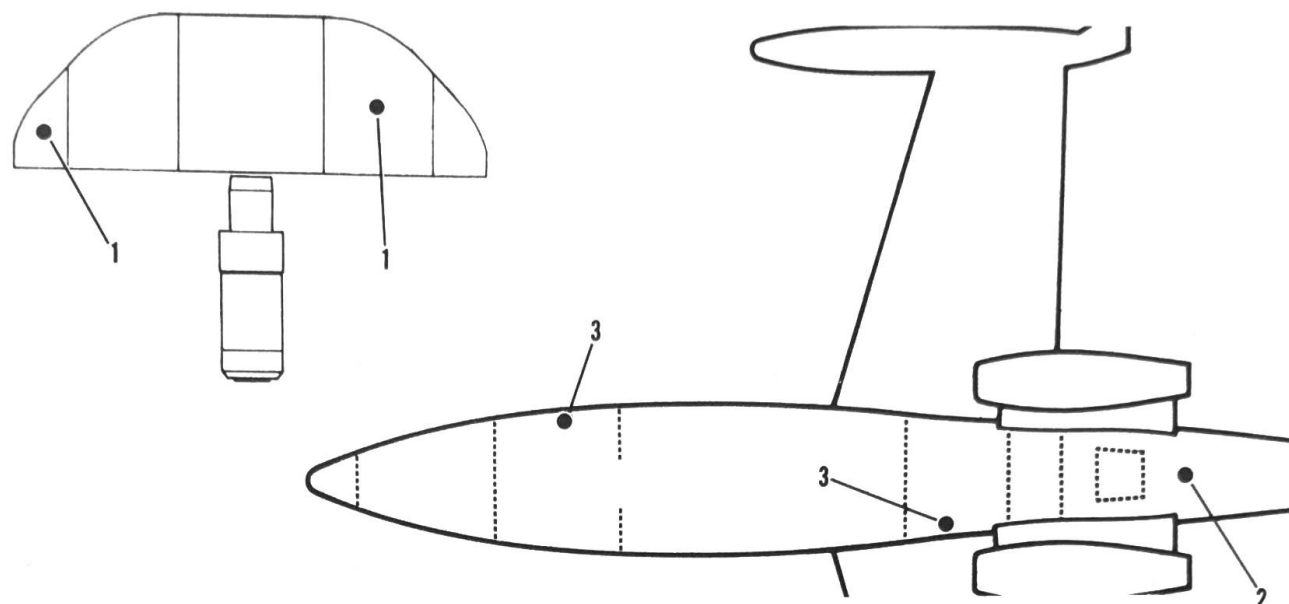




14-48B

Figure 136. Oxygen System Electrical Equipment

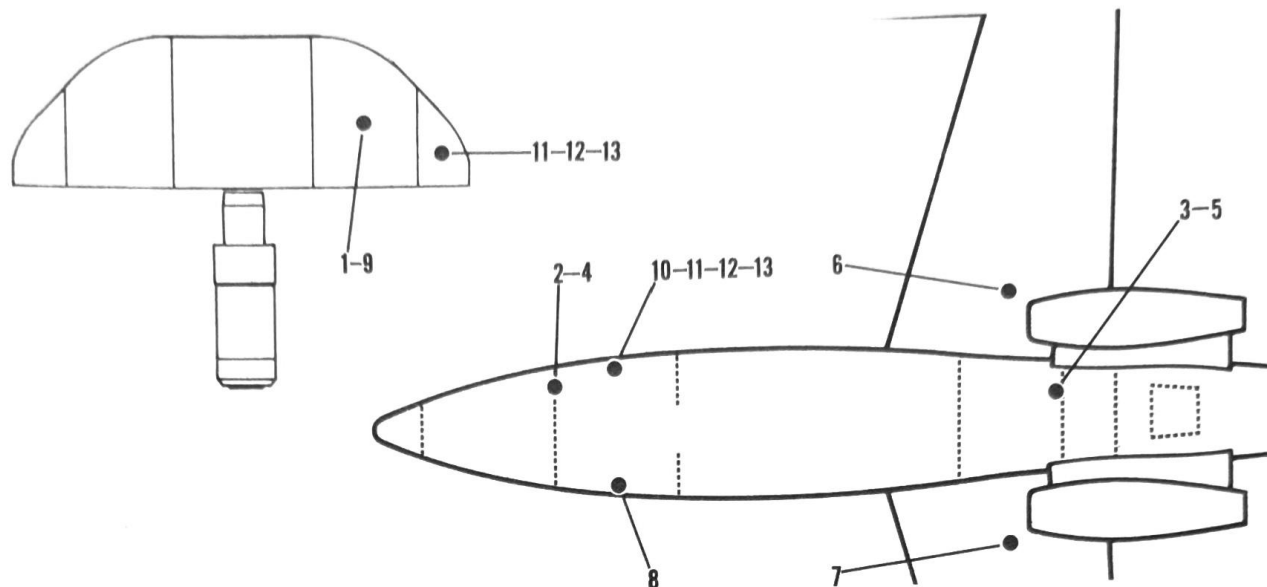
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
136 -		1 2 3 4 5 6 7			
-1	SEE FIGURE 110	OXYGEN SYSTEM ELECTRICAL EQUIPMENT	REF	A	
-2	SEE FIGURE 110	• SWITCH-OXYGEN ANEROID -----	REF	B	
-3	7277-4-2	• VALVE-OXYGEN SOLENOID -----	1	C	
	7277-4-7	• CIRCUIT BREAKER-OXY VALVE -----	1	D	
		• CIRCUIT BREAKER-OXY VALVE -----			
	A	003 & ON			
	B	SEE REF FIGURE FOR USAGE			
	C	003 & ON EXCEPT 012 & 031			
	D	012 & 031			
		A---ATTACHING PARTS			



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14-48B

Figure 137. Ram Air Temperature Electrical Equipment

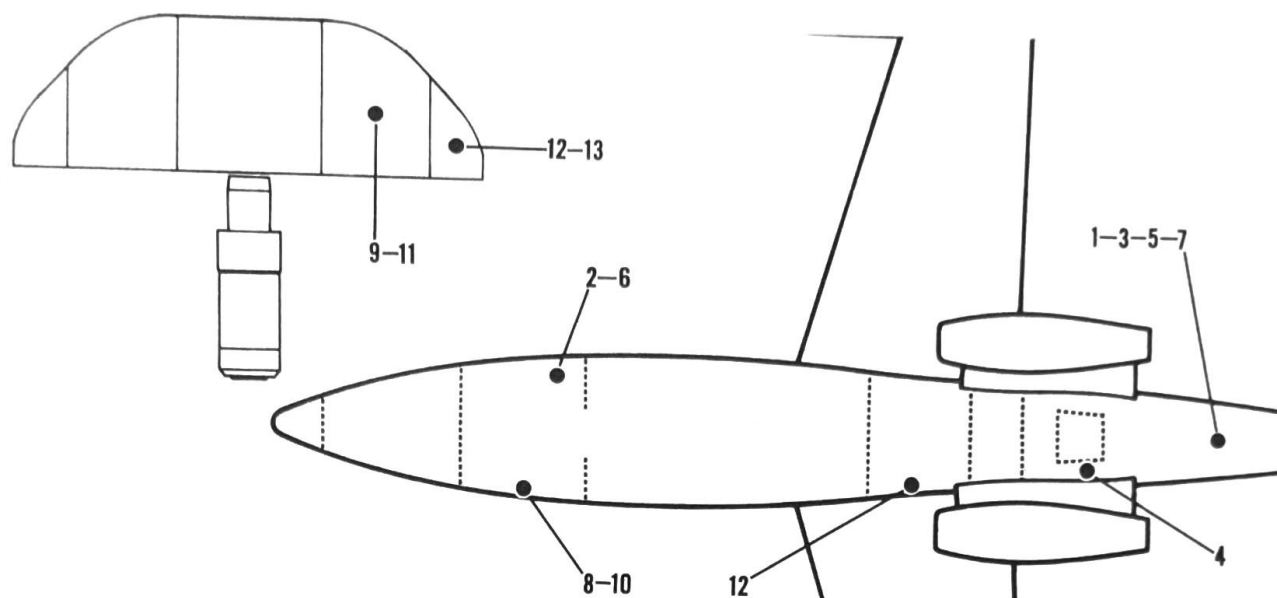
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION  1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
137 - -1  -2 -3	SEE FIGURE 41 SEE FIGURE 42 SEE FIGURE 42A MS28034-1 SEE FIGURE 134 7277-4-2 1/2	RAM AIR TEMPERATURE ELECTRICAL EQUIPMENT  . INDICATOR-RAM AIR TEMPERATURE ----- . BULB-RAM AIR TEMPERATURE ----- . CIRCUIT BREAKER-RAT & T&B RH ----- . CIRCUIT BREAKER-RAT -----  A 003 & ON B SEE REF FIGURE FOR USAGE C 003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381  A---ATTACHING PARTS	REF 1 REF 1	A  B A B C	



14-76A  
14-48B

Figure 138. Cabin Pressurization Electrical Equipment

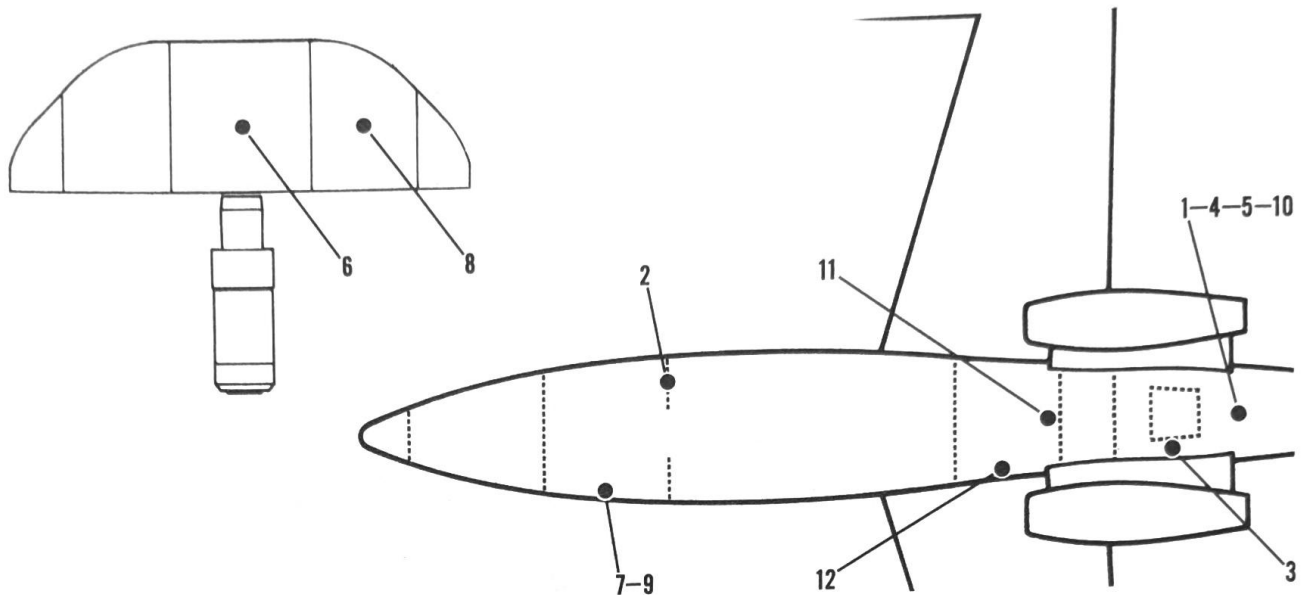
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
138 -		CABIN PRESSURIZATION ELECT EQUIPMENT		A	
-1	SEE FIGURE 41 SEE FIGURE 42 SEE FIGURE 42A	• CONTROLLER-CABIN ALTITUDE -----	REF	B	
-2	SEE FIGURE 100 SEE FIGURE 102	• VALVE-EXHAUST CABIN AIR PRESS -----	REF	B	
-3	SEE FIGURE 100	• VALVE ASSEMBLY-BLEED AIR CONTROL -----	REF	B	
-4	SEE FIGURE 100	• VALVE-SAFETY CABIN AIR PRESS -----	REF	B	
-5	SEE FIGURE 100	• SWITCH-CABIN UNDER PRESSURE -----	REF	B	
-6	SEE FIGURE 23	• SWITCH-CABIN SAFETY VALVE ANEROID -----	REF	B	
-7	SEE FIGURE 23	• SWITCH-RIGHT GEAR DOWN INDICATOR -----	REF	B	
-8	SEE FIGURE 48A	• SWITCH-MAIN GEAR SQUAT -----	REF	B	
-9	SEE FIGURE 42 SEE FIGURE 42A SEE FIGURE 41 SEE FIGURE 42 SEE FIGURE 42A SEE FIGURE 41 SEE FIGURE 42 SEE FIGURE 42A SEE FIGURE 41 SEE FIGURE 42 SEE FIGURE 42A	• SWITCH-BLEED AIR -----	REF	B	
-10	7277-4-2 3MC1-200-.250	• SWITCH-CABIN PRESSURE MAN & AUTO -----	REF	B	
-11	7277-4-7 1/2 7277-4-5	• SWITCH-CABIN PRESSURE DUMP -----	REF	B	
-12	7277-4-5	• SWITCH-CABIN AIRFLOW -----	REF	B	
-13	7277-4-5	• CIRCUIT BREAKER-CABIN PRESSURE -----	1	C	
		• CIRCUIT BREAKER-CABIN PRESSURE -----	1	D	
		• CIRCUIT BREAKER-BLEED AIR -----	1	C	
		• CIRCUIT BREAKER-BLEED AIR -----	1	D	
		• CIRCUIT BREAKER-CABIN DUMP -----	1	A	
		• CIRCUIT BREAKER-MAX CABIN AIR FLOW -----	1	A	
	A	003 & ON			
	B	SEE REF FIGURE FOR USAGE			
	C	012 & 031 WHEN MOD PER ECR 233 & 003 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381			
	D	003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381 EXCEPT 012 & 031			
		A---ATTACHING PARTS			



14-76A  
14-48B

Figure 139. Cabin Heating System Electrical Equipment

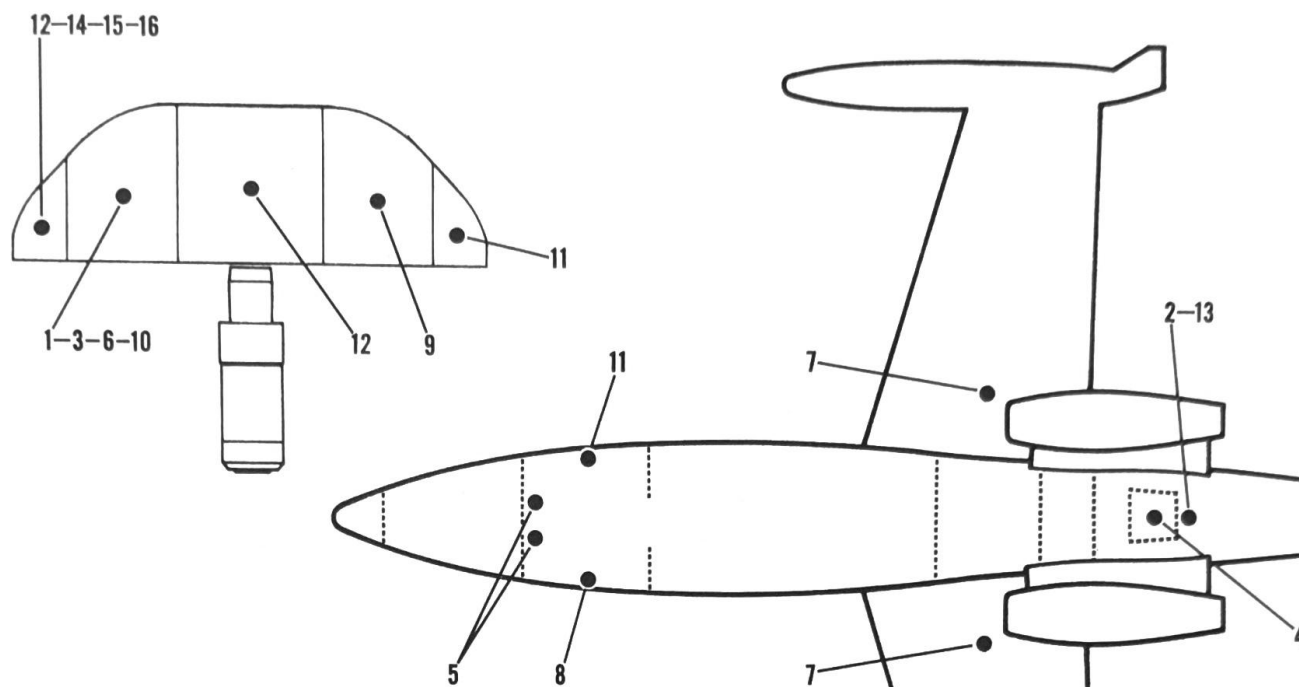
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				1 2 3 4 5 6 7	THRU
139 -		CABIN HEATING SYSTEM ELECTRICAL EQUIP			
-1	SEE FIGURE 102	• THERMOSTAT-HIGH LIMIT CABIN AIR -----	REF		A
-2	CYLZ8950	• CONTROL BOX-CABIN TEMPERATURE -----	1		B
	2318368-001	• CONTROL BOX-CABIN TEMPERATURE -----	1		C
	2381243-002	• CONTROL BOX-CABIN TEMPERATURE -----	1		D
-3	SEE FIGURE 104	• ACTUATOR ASSY-FLOW BOX CONTROL -----	REF		E
-4	2B-1B-126	• RELAY-TEMPERATURE CONTROL -----	1		B
-5	SEE FIGURE 104	• POTENTIOMETER-BLEED AIR CONTROL BOX -----	REF		H
-6	SEE FIGURE 100	• SENSOR-CABIN AIR TEMPERATURE -----	REF		B
-7	SEE FIGURE 102	• SENSOR-CABIN AIR DUCT TEMPERATURE -----	REF		B
-8	SEE FIGURE 48A	• SWITCH-CABIN TEMP MANUAL CONTROL -----	REF		B
-9	SEE FIGURE 42				
	SEE FIGURE 42A	• SWITCH-CABIN TEMP MANUAL CONTROL -----	REF		B
-10	SEE FIGURE 48A	• SWITCH-CABIN TEMP SELECTOR -----	REF		B
-11	SEE FIGURE 42				
	SEE FIGURE 42A	• SWITCH-CABIN TEMP SELECTOR -----	REF		B
-12	7277-4-7 1/2	• CIRCUIT BREAKER-CABIN HEAT -----	1		F
	7277-2-2	• CIRCUIT BREAKER-CABIN HEAT -----	1		G
-13	9-0100-071	• INDICATOR-BY PASS POSITION -----	1		G
		A 003 & ON			
		B SEE REF FIGURE FOR USAGE			
		C 003 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, ECR 381 OR SK23-203			
		D 003 & ON WHEN MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381 EXCEPT A/C MOD PER SK23-203			
		E 070 & ON WHEN MOD PER SK23-203			
		F 003 & ON EXCEPT A/C MOD PER AAK71-5A			
		G 003 & ON WHEN MOD PER AAK71-5A			
		H 003 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277 OR ECR 381			
		A---ATTACHING PARTS			



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14-48B

Figure 140. Cabin Cooling System Electrical Equipment

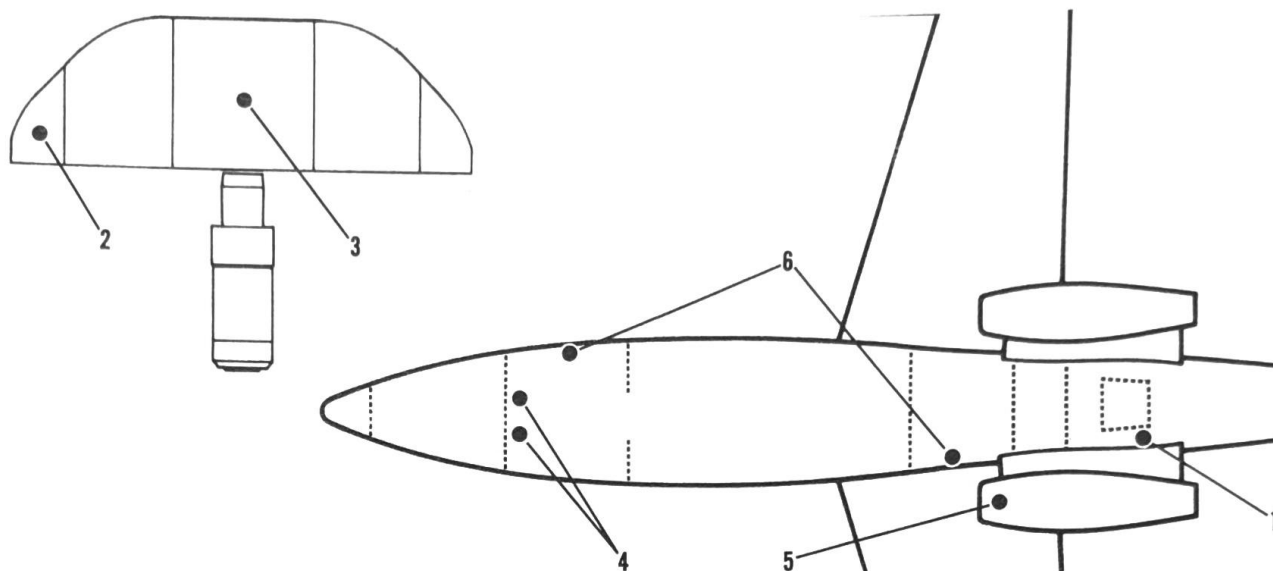
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
140 -		CABIN COOLING SYSTEM ELECTRICAL EQUIP			
-1	SEE FIGURE 103	• MOTOR-COMPRESSOR -----	REF	A	
-2	SEE FIGURE 105	• BLOWER ASSY -----	REF	B	
-3	S-400-1	• RELAY-COMPRESSOR MOTOR POWER -----	1	A	
	S-401-1	• RELAY-EVAPORATOR BLOWER CONTROL -----	1	C	
	SEE FIGURE 139	• RELAY-TEMPERATURE CONTROL -----	REF	B	
	S-402-1	• RELAY-EVAPORATOR CONTROL -----	1	A	
-4	SEE FIGURE 103	• RELAY-COMPRESSOR MOTOR CURRENT LIMITER -----	REF	B	
-5	SEE FIGURE 103	• SWITCH ASSEMBLY-FREON PRESSURE -----	REF	B	
-6	SEE FIGURE 47				
-7	SEE FIGURE 48	• SWITCH-GENERATOR START LH & RH -----	REF	B	
-8	SEE FIGURE 42	• SWITCH-GENERATOR START LH & RH -----	REF	B	
-9	SEE FIGURE 42A				
-10	SEE FIGURE 48A	• SWITCH-COOLING SYSTEM -----	REF	B	
-11	SEE FIGURE 103	• SWITCH-COOLING SYSTEM -----	REF	B	
	700-036-7	• SHUNT-FREON MOTOR CURRENT LIMITER -----	REF	B	
	700-036-10	• CIRCUIT BREAKER-FREON CONTROL -----	1	D	
-12	7277-4-7 1/2	• CIRCUIT BREAKER-CABIN BLOWER -----	1	D	
	7277-4-10	• CIRCUIT BREAKER-FREON CTNROL -----	1	E	
		• CIRCUIT BREAKER-CABIN BLOWER -----	1	E	
		A 003 & ON			
		B SEE REF FIGURE FOR USAGE			
		C 030 & ON & A/C MOD PER SK23-123			
		D 012 & 031 WHEN MOD PER ECR 233 & 003 & ON EXCEPT A/C MOD PER ECR 227, ECR 230, ECR 233, ECR 277, OR ECR 381			
		E 003 & ON WHEN MOD PER ECR 227, ECR 230, ECR 233, ECR 277, OR ECR 381, EXCEPT A/C 012 & 031			
		A---ATTACHING PARTS			



14-76A  
14-48B

Figure 141. Windshield Defog System Electrical Equipment

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
141 -		WINDSHIELD DEFOG SYSTEM ELECTRICAL EQUIP			A
-1	SEE FIGURE 43 SEE FIGURE 44 SEE FIGURE 45 SEE FIGURE 45A				
-2	SEE FIGURE 102	• CIRCUIT BOARD-GEAR CONTROL -----	REF	B	
-3	2B-1E-126	• VALVE-DEFOG SHUTOFF -----	REF	B	
-4	S-401-1	• RELAY-DEFOG -----	1	C	
-5	SEE FIGURE 108 SEE FIGURE 108A SEE FIGURE 108B	• RELAY-DEFOG -----	1	D	
-6	SEE FIGURE 42A	• THERMOSTAT-EXTERNAL DEFOG -----	REF	B	
-7	SEE FIGURE 23	• LIGHT-DEFOG VALVE INDICATOR -----	REF	B	
-8	SEE FIGURE 48A	• SWITCH-GEAR SQUAT LH & RH -----	REF	B	
-9	SEE FIGURE 42	• SWITCH-DEFOG CONTROL -----	REF	B	
-10	SEE FIGURE 42A	• SWITCH-DEFOG CONTROL -----	REF	B	
-11	7277-4-5 7277-4-2	• SWITCH-DEFOG CONTROL -----	REF	B	
-12	SEE FIGURE 46 SEE FIGURE 47 SEE FIGURE 48	• CIRCUIT BREAKER-WINDSHIELD DEFOG -----	1	E	
-13	SEE FIGURE 102	• CIRCUIT BREAKER-WINDSHIELD DEFOG -----	1	F	
-14	SEE FIGURE 42A	• LIGHT ASSY-PILOT WARNING -----	REF	B	
-15	FC215-136	• VALVE-DEFOG REGULATING -----	REF	B	
-16	FC215-136	• SWITCH-WINDSHIELD HEAT AUTO & MAN CONT -----	REF	B	
		• RELAY-DEFOG CONTROL -----	1	G	
		• RELAY-DEFOG PRESS REGULATOR VALVE -----	1	G	
A		003 & ON			
B		SEE REF FIGURE FOR USAGE			
C		012 & ON & A/C MOD PER ECR 233			
D		003 THRU 011 EXCEPT A/C MOD PER ECR 233			
E		012 & 031 WHEN MOD PER ECR 233 & 003 & ON EXCEPT A/C MOD PER ECR 227, ECR 230, ECR 233, ECR 277, OR ECR 381			
F		003 & ON WHEN MOD PER ECR 227, ECR 230, ECR 233, ECR 277, OR ECR 381, EXCEPT A/C 012 & 031			
G		003 & ON WHEN EQUIPPED FOR ICE OPERATION			
		A---ATTACHING PARTS			

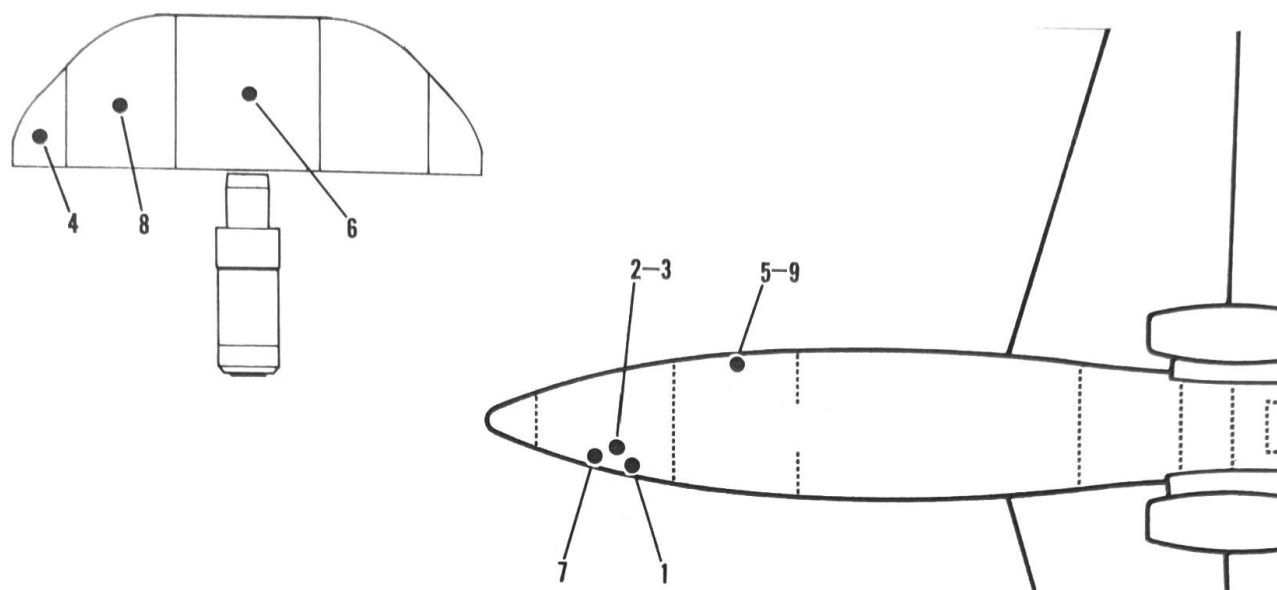


14-76A  
14-48B

Figure 142. Ice Detection System Electrical Equipment

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
142 -		ICE DETECTION SYSTEM ELECTRICAL EQUIP			
-1	650-4112	• INTERPRETER-NACELLE ANTI ICE -----	1	A	
-2	SEE FIGURE 46	• LIGHT ASSY-PILOT WARNING -----	REF	A	
-3	SEE FIGURE 47			B	
-4	2419052-009	• LIGHT ASSY-PILOT WARNING -----	REF	B	
	2419052-014	• LIGHT ASSY-WINDSHIELD ICE DETECT L & R -----	2	C	
	62	• LIGHT ASSY-ICE DETECT -----	1	C	
-5	SEE FIGURE 49	• . . . LAMP-ICE DETECT LIGHT -----	1	C	
	SEE FIGURE 51				
-6	SEE FIGURE 52	• DETECTOR-NACELLE ICE -----	REF	B	
	7277-4-10	• CIRCUIT BREAKER-NACELLE ICE DETECT -----	1	A	
	7277-4-2 1/2	• CIRCUIT BREAKER-ICE DETECTOR -----	1	C	
		A 003 & ON			
		B SEE REF FIGURE FOR USAGE			
		C 003 & ON WHEN MOD PER SK23/24/25-308			
		A---ATTACHING PARTS			

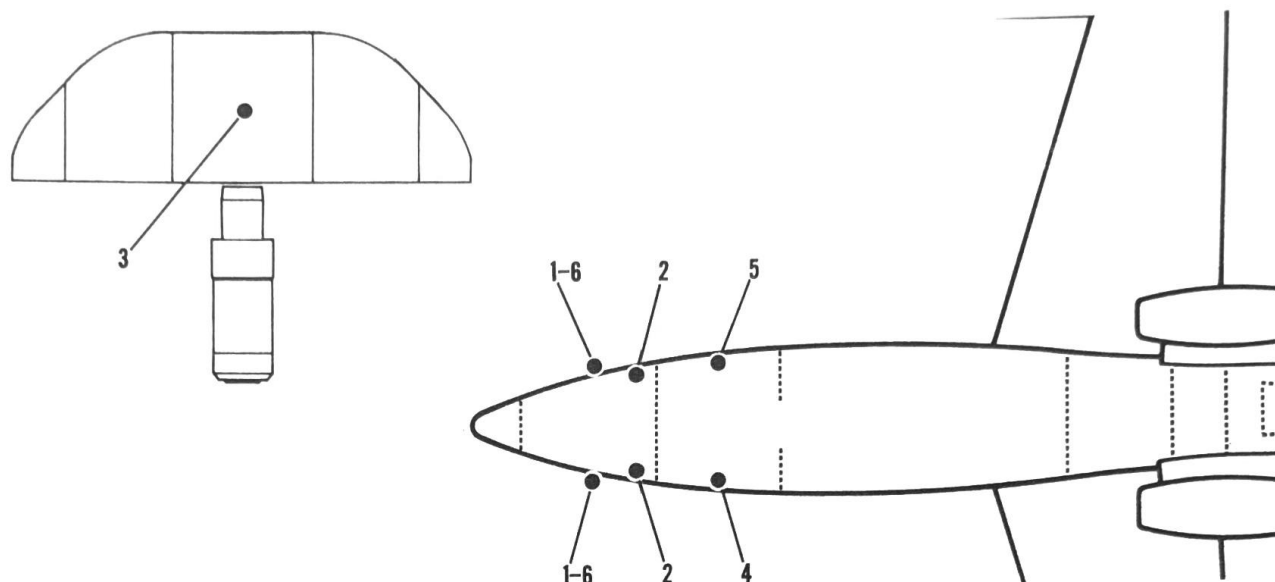




14-76A  
14-48B

Figure 143. Windshield and Radome Anti-Ice System Electrical Equipment

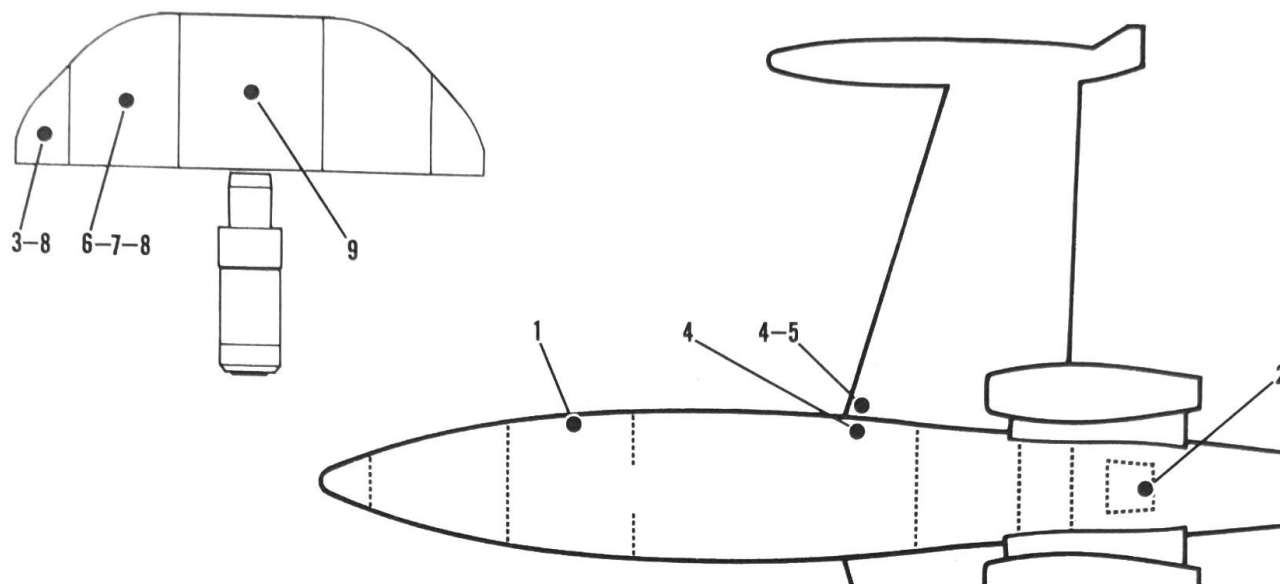
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				1 2 3 4 5 6 7	THRU
143 -		WINDSHIELD & RADOME ANTI-ICE SYSTEM ELECTRICAL EQUIPMENT			A
		• WINDSHIELD & RADOME ANTI-ICE SYSTEM ELECTRICAL EQUIPMENT -----	1		B
-1	SEE FIGURE 113A	• • PUMP & RESISTOR ASSEMBLY-ALCOHOL -----	REF		D
-2	SEE FIGURE 113A	• • VALVE-SHUT OFF ANTI-ICE -----	REF		D
-3	SEE FIGURE 113A	• • SWITCH-ALCOHOL LOW PRESSURE -----	REF		D
-4	SEE FIGURE 42A	• • SWITCH-ALCOHOL PUMP CONTROL -----	REF		D
-5	7277-4-2	• • CIRCUIT BREAKER-ALCOHOL PUMP -----	1		B
-6	SEE FIGURE 48	• • LIGHT ASSY-PILOT WARNING -----	REF		B
		• WINDSHIELD ANTI-ICE SYSTEM ELECTRICAL EQUIPMENT -----	1		C
-7	SEE FIGURE 113	• • PUMP-WINDSHIELD ANTI-ICE ALCOHOL -----	REF		D
-8	SEE FIGURE 42A	• • CONTROL-WINDSHIELD DEICE -----	REF		D
-9	7277-4-2	• • CIRCUIT BREAKER-ALCOHOL PUMP -----	1		C
		A 003 & ON WHEN APPLICABLE			
		B 003 & ON WHEN RADOME ANTI-ICE SYSTEM IS INSTALLED			
		C 003 & ON WHEN WINDSHIELD ANTI-ICE SYSTEM IS INSTALLED EXCEPT A/C WITH RADOME ANTI-ICE SYSTEM			
		D SEE REF FIGURE FOR USAGE			
		A---ATTACHING PARTS			



14-76A  
14-48B

Figure 144. Pitot Tube, Static Port, and Stall Warning Transducer Anti-Ice Electrical Equipment

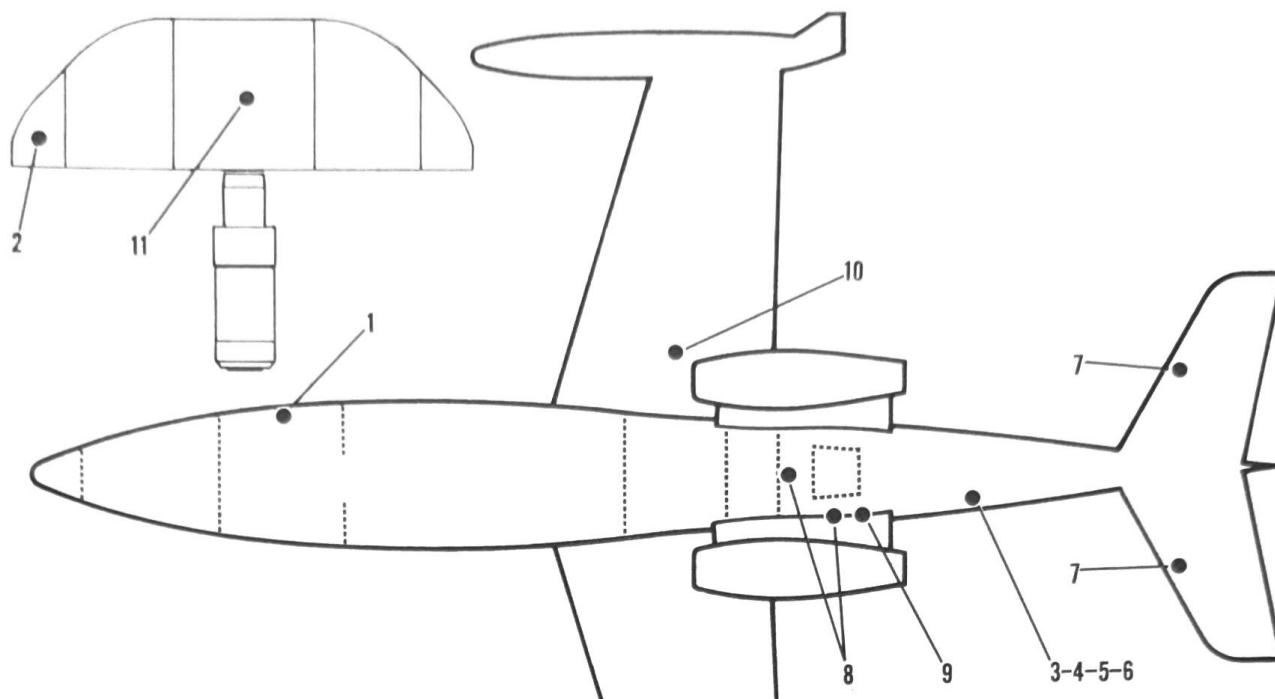
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
		1 2 3 4 5 6 7		THRU	
144 -		PITOT TUBE, STATIC PORT, & STALL WARNING TRANSDUCER ANTI-ICE ELECTRICAL EQUIP		A	
-1	SEE FIGURE 112	• PITOT TUBE LH & RH -----	REF	B	
-2	SEE FIGURE 131	• TRANSDUCER-ANGLE OF ATTACK LH & RH -----	REF	B	
-3	SEE FIGURE 47				
-4	SEE FIGURE 48	• SWITCH-PITOT HEAT LH & RH -----	REF	B	
-5	SEE FIGURE 48A	• SWITCH-PITOT HEAT LH & RH -----	REF	B	
-6	7277-4-15	• CIRCUIT BREAKER-PITOT HEAT -----	2	A	
	7277-4-7 1/2	• CIRCUIT BREAKER-STALL WARN HEAT L & R -----	2	C	
	SEE FIGURE 112	• STATIC PORTS-HEATED LH & RH -----	REF	B	
	A	003 & ON			
	B	SEE REF FIGURE FOR USAGE			
	C	060 ONLY WHEN MOD PER AMK70-3			
		A---ATTACHING PARTS			



14-76A  
14-48B

Figure 145. Wing Anti-Ice System Electrical Equipment

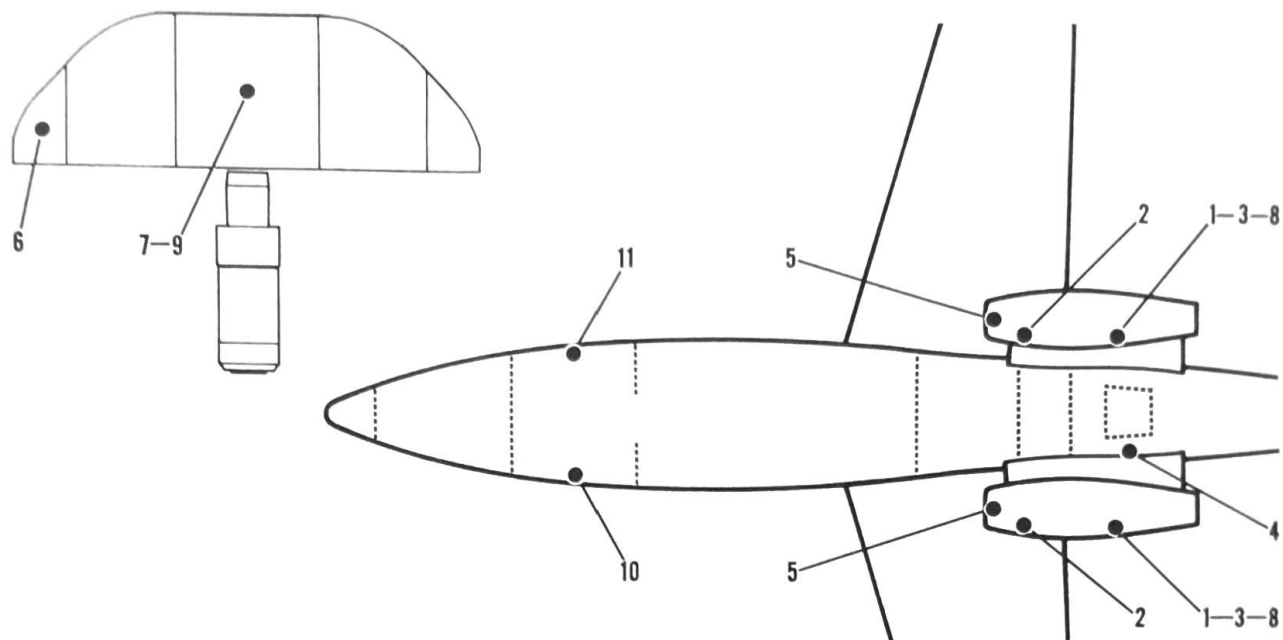
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
145 -		1 2 3 4 5 6 7			
-1	7277-4-2	WING ANTI-ICE SYSTEM ELEC EQUIPMENT		A	
-2	SEE FIGURE 114	• CIRCUIT BREAKER-WING ANTI-ICE -----	1	A	
-3	SEE FIGURE 42A	• VALVE-WING ANTI-ICE CONTROL -----	REF	B	
-4	3100-60-2	• INDICATOR-WING LE TEMPERATURE -----	REF	B	
	6600141-001	• SENSOR-WING ANTI-ICE LO LIMIT -----	1	C	
		• SENSOR-WING ANTI-ICE LO LIMIT USE			
		VENDOR ASSY NO 3100-114-1 OR			
	3100-114-1	20601-000-00			
		• SENSOR-WING ANTI-ICE LO LIMIT ALT			
		FOR 3100-62-2 REF SPEC CONTROL			
	20601-000-00	DWG 6600141-001 -----	1	C	
		• SENSOR-WING ANTI-ICE LO LIMIT ALT			
		FOR 3100-114-1 REF SPEC CONTROL			
		DWG 6600141-001 -----	1	C	
	FG101P	• SENSOR-WING LE SURFACE TEMP -----	1	D	
	FG101P(M)	• SENSOR-WING LE SURFACE TEMP ALT FOR	1		
		FG101P -----			
-5	3100-60-2	• SENSOR-WING ANTI-ICE HI LIMIT -----	1	D	
	6600141-001	• SENSOR-WING ANTI-ICE HI LIMIT USE	1	A	
		VENDOR ASSY NO 3100-114-1 OR			
	3100-114-1	20601-000-00			
		• SENSOR-WING ANTI-ICE HI LIMIT ALT			
		FOR 3100-60-2 REF SPEC CONTROL			
	20601-000-00	DWG 6600141-001 -----	1	A	
		• SENSOR-WING ANTI-ICE HI LIMIT ALT			
		FOR 3100-114-1 REF SPEC CONTROL			
		DWG 6600141-001 -----	1	A	
-6	SEE FIGURE 41				
	SEE FIGURE 42				
	SEE FIGURE 42A	• LIGHT-WING HEAT INDICATOR -----	REF	B	
-7	SEE FIGURE 41				
	SEE FIGURE 42				
	SEE FIGURE 42A	• LIGHT-WING OVER HEAT INDICATOR -----	REF	B	
-8	SEE FIGURE 41				
	SEE FIGURE 42				
	SEE FIGURE 42A	• SWITCH-WING ANTI-ICE CONTROL -----	REF	B	
-9	SEE FIGURE 48	• LIGHT ASSEMBLY-PILOT WARNING -----	REF	B	
	A	003 & ON			
	B	SEE REF FIGURE FOR USAGE			
	C	003 & ON EXCEPT A/C EQUIPPED FOR ICE			
		OPERATION			
	D	003 & ON WHEN EQUIPPED FOR ICE OPERATION			
		A---ATTACHING PARTS			



14-76A  
14-48A

Figure 146. Horizontal Stabilizer Anti-Ice System Electrical Equipment

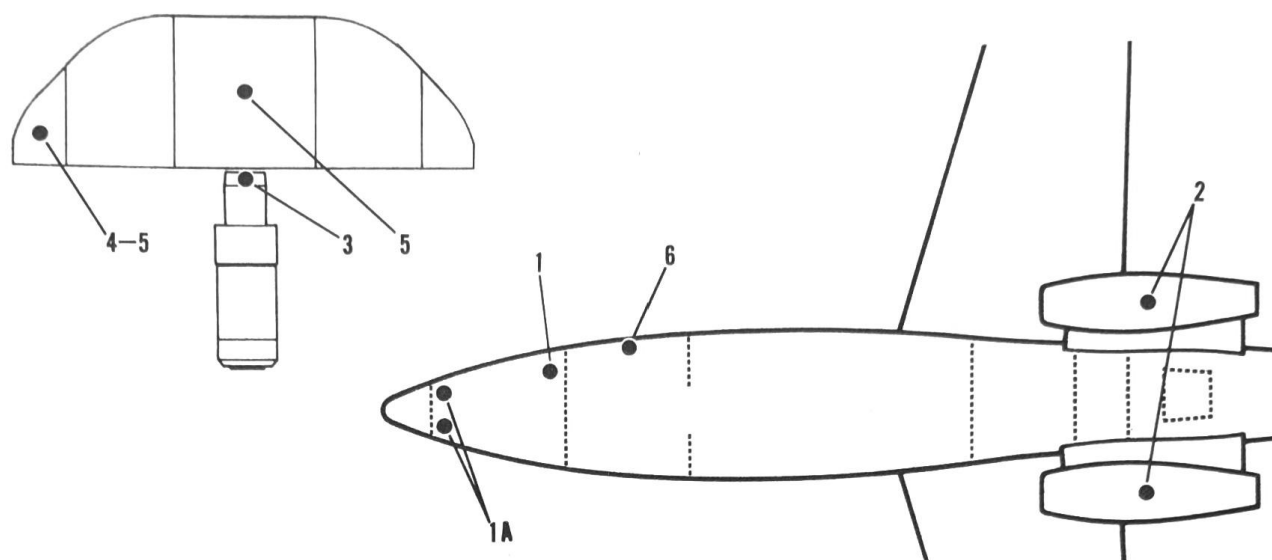
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
146 -		1 2 3 4 5 6 7			
-1	7277-4-5	HORIZONTAL STABILIZER ANTI-ICE SYSTEM			
-2	SEE FIGURE 42A	ELECTRICAL EQUIPMENT			
-3	FC215-136	• CIRCUIT BREAKER-STAB HEAT -----	1	A	
-4	FC215-136	• SWITCH-WING & HORIZ STAB ANTI-ICE -----	REF	B	
-5	6065-3480	• RELAY-CONTROL -----	1	A	
	6065-3480-2	• RELAY-WARNING LIGHT CONTROL -----	1	A	
-6	PSA-2	• TIMER-ICE GUARD -----	1	C	
-7	SEE FIGURE 20	• TIMER-ICE GUARD -----	1	D	
-8	SEE FIGURE 119	• CIRCUIT BREAKER-WARN LT RELAY -----	1	A	
-9	SEE FIGURE 119	• BLANKET-HORIZ STAB ICE GUARD -----	REF	B	
-10	SEE FIGURE 23	• CURRENT LIMITER-FREON STAB HEAT -----	REF	B	
-11	SEE FIGURE 48	• CURRENT LIMITER-STAB HEAT -----	REF	B	
		• SWITCH-MAIN GEAR SQUAT RH -----	REF	B	
		• LIGHT ASSEMBLY-PILOT WARNING -----	REF	B	
		A 003 & ON WHEN HORIZONTAL STABILIZER ANTI-ICE IS INSTALLED			
		B SEE REF FIGURE FOR USAGE			
		C 003 & ON WHEN HORIZONTAL STABILIZER ANTI-ICE IS INSTALLED EXCEPT WHEN MOD PER AMK75-4			
		D 003 & ON WHEN HORIZONTAL STABILIZER ANTI-ICE IS INSTALLED & WHEN MOD PER AMK75-4			
		A---ATTACHING PARTS			



14-76A  
14-48B

Figure 147. Nacelle Anti-Ice System Electrical Equipment

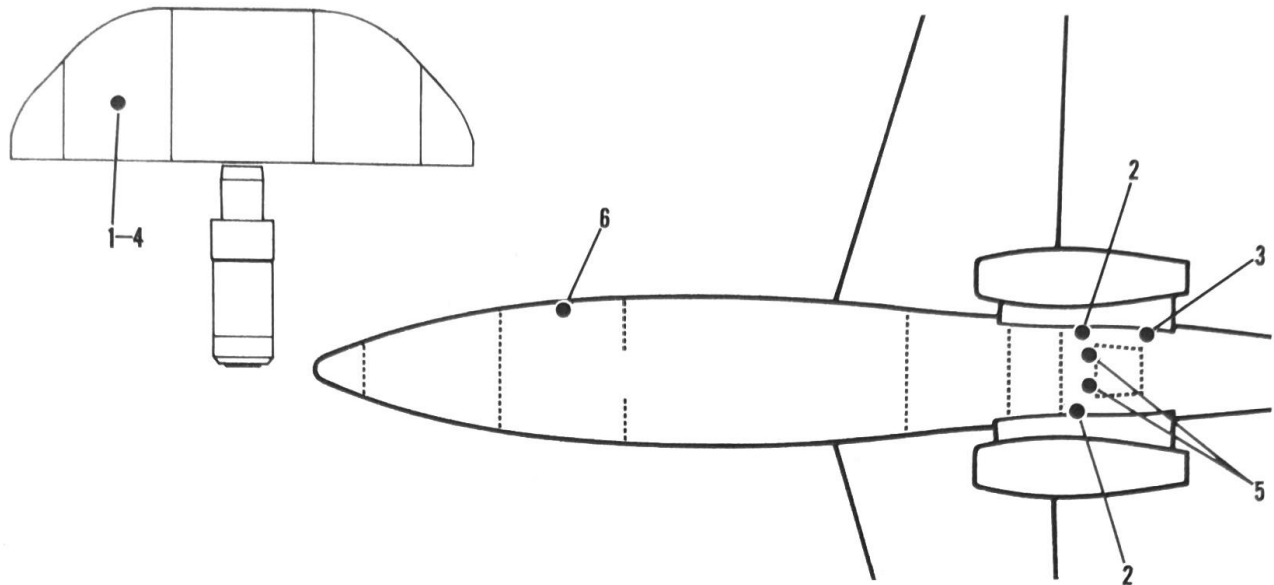
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				1 2 3 4 5 6 7	THRU
147 -		NACELLE ANTI-ICE SYSTEM ELECTRICAL EQUIP			A
-1		• VALVE-ANTI-ICE LH & RH COMPONENT	REF		A
-2	S-400-1	OF CJ610 ENGINE -----	4		C
-3	S-400-1	• RELAY-NACELLE HEAT LH & RH -----	2		D
-4	SEE FIGURE 51	• RELAY-NACELLE HEAT LH & RH -----			
-5	SEE FIGURE 52	• STARTER GENERATOR-ENGINE LH & RH -----	REF		B
-6	SEE FIGURE 119	• PANEL ASSY-GENERATOR CONTROL & CURRENT			
-7		LIMITER -----	REF		B
-8	SEE FIGURE 49	• CAP ASSY-NACELLE AIR INTAKE LH & RH -----	REF		B
-9	SEE FIGURE 46	• LIGHT ASSY-PILOT WARNING -----	REF		B
-10	SEE FIGURE 47	• LIGHT ASSY-PILOT WARNING -----	REF		B
-11	SEE FIGURE 48	• SWITCH-ANTI-ICE PRESSURE LH & RH -----	REF		B
	SEE FIGURE 51	• SWITCH-NACELLE HEAT LH & RH -----	REF		B
	SEE FIGURE 52	• SWITCH-NACELLE HEAT LH & RH -----	REF		B
	SEE FIGURE 47	• CIRCUIT BREAKER-NACELLE HEAT LH & RH -----	2		A
	SEE FIGURE 48				
	SEE FIGURE 48A				
	7277-4-7 1/2				
		A 003 & ON			
		B SEE REF FIGURE FOR USAGE			
		C 003 THRU 079 & 082A			
		D 080 & ON EXCEPT 082A			
		A---ATTACHING PARTS			



14-76A  
14-48B

Figure 148. Nacelle Fire Detect System Electrical Equipment

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
148 -		1 2 3 4 5 6 7 NACELLE FIRE DETECT SYSTEM ELECTRICAL EQUIPMENT			
-1	892121-0350	• CONTROL UNIT-FIRE DETECT -----	2	A	
-1A	892121-0350	• CONTROL UNIT-FIRE DETECT -----	2	C	
-2	SEE FIGURE 54	• SENSING EQUIPMENT-NACELLE FIRE -----	REF	D	
-3	SEE FIGURE 68			B	
	SEE FIGURE 69				
	SEE FIGURE 69A	• SWITCH-FIRE DETECT TEST -----	REF	B	
-4	SEE FIGURE 46	• SWITCH-FIRE DETECT -----	REF	B	
-5	SEE FIGURE 46				
	SEE FIGURE 47				
	SEE FIGURE 48	• LIGHT ASSEMBLY-PILOT WARNING -----	REF	B	
-6	7277-4-7 1/2	• CIRCUIT BREAKER-FIRE DETECT -----	2	A	
		A 003 & ON			
		B SEE REF FIGURE FOR USAGE			
		C 003 ONLY			
		D 004 & ON			
		A---ATTACHING PARTS			



14-76A  
14-48B

Figure 149. Nacelle Fire Extinguishing System Electrical Equipment

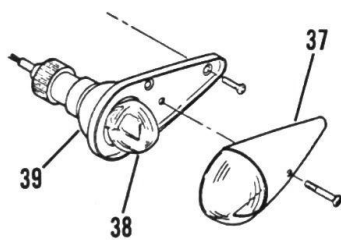
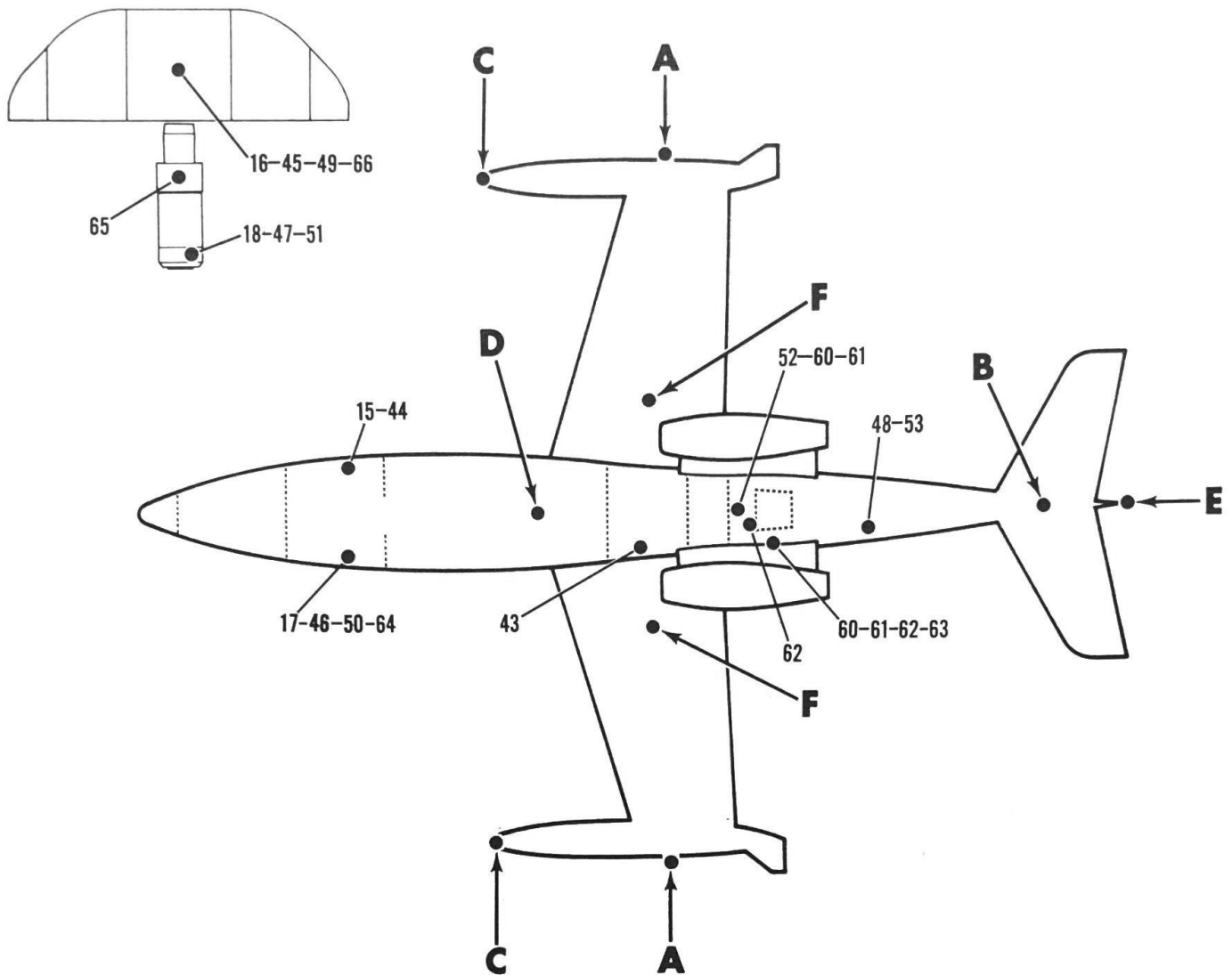
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				1 2 3 4 5 6 7	THRU
149 -		NACELLE FIRE EXTINGUISHING SYSTEM ELECTRICAL EQUIPMENT			A
-1	SEE FIGURE 42A	• SWITCH-FIREWALL SHUTOFF VALVE FUEL & HYDRAULIC -----	REF		B
-2	SEE FIGURE 56A	• VALVE-ENGINE FUEL SHUTOFF -----	REF		B
-3	SEE FIGURE 97	• VALVE-HYDRAULIC SHUTOFF -----	REF		B
-4	SEE FIGURE 42A	• SWITCH-NACELLE FIRE EXTINGUISHER -----	REF		B
-5	SEE FIGURE 54A	• CONTAINER-FIRE EXTINGUISHER -----	REF		B
-6	SEE FIGURE 121 7277-4-7 1/2	• CIRCUIT BREAKER-FIREWALL SHUTOFF ----- • CIRCUIT BREAKER-NACELLE FIRE EXT -----	REF 2		B C
		A 003 & ON WHEN MOD PER ECR 233, ECR 230 OR ECR 227			
		B SEE REF FIGURE FOR USAGE			
		C 003 & ON WHE MOD PER ECR 233, ECR 230, ECR 227, ECR 277, OR ECR 381, EXCEPT A/C 012 & 031			
		A---ATTACHING PARTS			

LIMITED EFFECTIVITY Serial Code A

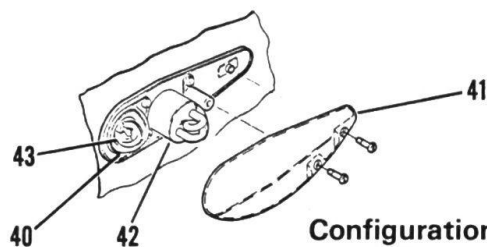


FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
150 -		LIGHTING SYSTEM ELECTRICAL EQUIPMENT		A	
		THIS FIGURE IS NOT ILLUSTRATED EQUIPMENT IS LISTED ACCORDING TO LOCATION			
	SEE FIGURE 151	. EXTERIOR LIGHTING SYSTEM ELEC EQUIP -----	1	A	
		. INTERIOR LIGHTING SYSTEM ELEC EQUIP -----	1	A	
		COCKPIT LIGHTING EQUIPMENT		A	
-1	SEE FIGURE 46	. . . PILOT WARNING LIGHT ASSY -----	REF	B	
	SEE FIGURE 47	. . . LIGHT ASSEMBLY-TRIM POSITION IND -----	REF	B	
-1A	SEE FIGURE 48	. . . INSTRUMENT PANEL FLOODLIGHT -----	1	A	
-2	SEE FIGURE 68	. . . HOLDER-FLOODLIGHT LAMP -----	8	C	
	MS90283-2	. . . SOCKET-MINIATURE FLOODLIGHT -----	17	D	
	7-01	. . . LAMP-FLOODLIGHT -----	1	A	
	313	. . . LENS-FLOODLIGHT -----	1	E	
	2313201-014	. . . LENS-FLOODLIGHT -----	1	F	
	2313201-019	. . . LENS-FLOODLIGHT -----	1	D	
	2313201-022	. . . POTENTIOMETER-FLOODLIGHT CONT -----	1	C	
	XR4978	. . . POTENTIOMETER-FLOODLIGHT CONT -----	1	G	
	2318226-002	. . . DIMMER ASSY-INST PANEL LIGHTS -----	AR	A	
-2A	501-1024-01	. . . INSTRUMENT LUMINARY LIGHTS -----	REF	B	
-3	SEE FIGURE 41	. . . MAP READING LIGHT-RH -----	1	C	
	SEE FIGURE 42	. . . MAP READING LIGHT-RH -----	1	H	
	SEE FIGURE 42A	. . . MAP READING LIGHT-RH -----	1	J	
-4	182326	. . . MAP READING LIGHT-RH -----	1	K	
	B3555A	. . . LAMP-MAP READING LIGHT -----	1	A	
	15-0070-1	. . . MAP READING LIGHT-LH -----	1	C	
	182326	. . . MAP READING LIGHT-LH -----	1	H	
-5	305	. . . MAP READING LIGHT-LH -----	1	J	
	182326	. . . MAP READING LIGHT-LH -----	1	K	
	B3555A	. . . LAMP-MAP READING LIGHT -----	1	A	
	15-0070-1	. . . CREW OVERHEAD LIGHT LH & RH -----	2	L	
	182326	. . . CREW OVERHEAD LIGHT LH -----	1	M	
	305	. . . CREW OVERHEAD LIGHT RH -----	1	M	
-6	2318071-004	. . . CREW OVERHEAD LIGHT LH -----	1	N	
	10-0115-1	. . . CREW OVERHEAD LIGHT RH -----	1	N	
	10-0115-2	. . . CREW OVERHEAD LIGHT LH -----	1	P	
	2314093-002	. . . CREW OVERHEAD LIGHT RH -----	1	P	
	2314093-001	. . . LAMP-CREW OVERHEAD LIGHT -----	1	L	
	10-0115-4	. . . LAMP-CREW OVERHEAD LIGHT -----	1	Q	
	10-0115-3	. . . WINDSHIELD ICE DETECT LIGHT ASSY -----	REF	B	
	8115	LH & RH -----			
-7	1683	. . . SYSTEM INDICATOR LIGHTS -----	REF	B	
	SEE FIGURE 142	CABIN LIGHTING EQUIPMENT			
-8	SEE FIGURE 41	. . . ENTRANCE COURTESY LIGHT ASSY -----	1	A	
	SEE FIGURE 42	. . . BAGGAGE COMPT LIGHT ASSY LH & RH -----	2	G	
	SEE FIGURE 42A	. . . LAMP-ENTRANCE COURTESY AND/OR -----		A	
	SEE FIGURE 48A	BAGGAGE COMPT LIGHT -----	1	A	
	SEE FIGURE 68	. . . NO SMOKING & SEAT BELT LIGHT ASSY -----	1	G	
	SEE FIGURE 69	. . . LAMP-NO SMOKING & SEAT BELT LT -----	1	G	
	SEE FIGURE 69A	. . . OVERHEAD CENTER PANEL LIGHT LH -----	3	R	
-9	L-16256	. . . OVERHEAD CENTER PANEL LIGHT RH -----	2	R	
-10	15-0070-1	. . . OVERHEAD CENTER PANEL LIGHT LH -----	4	S	
	305	. . . OVERHEAD CENTER PANEL LIGHT RH -----	4	S	
-11	2313188-003	. . . OVERHEAD CENTER PANEL LIGHT LH -----	5	T	
	305	. . . OVERHEAD CENTER PANEL LIGHT RH -----	5	T	
-12	10-0115-1	. . . OVERHEAD CENTER PANEL LIGHT -----	2	U	
	10-0115-2	. . . LAMP-OVERHEAD CENTER PANEL LIGHT -----	1	V	
	10-0115-3	. . . LAMP OPTIONAL FOR 1683 -----	1	V	
	10-0115-4	. . . LAMP-OVERHEAD CENTER PANEL LIGHT -----	1	U	
	10-0115-3	. . . LENS-OVERHEAD CENTER PANEL LIGHT -----	1	R	
	10-0115-4	. . . LENS-OVERHEAD CENTER PANEL LIGHT -----	1	W	
	L-14231	. . . LENS-OVERHEAD CENTER PANEL LIGHT -----	1	U	
	1683	. . . LENS-OVERHEAD CENTER PANEL LIGHT -----	1	U	
	MS35478-305	. . . OVERHEAD SIDE STRIP LIGHT -----	6	X	
	305				
	11-0743-1				
	11-0743-3				
	PA43957				
	2313182-035				
-13	2180				
		CONTINUED			
		A---ATTACHING PARTS			

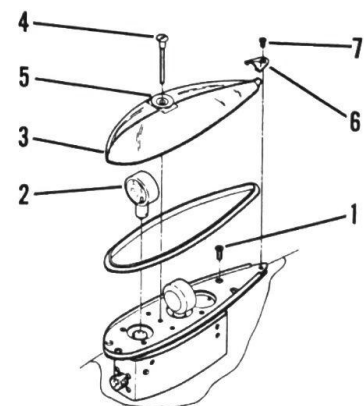
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON	
				THRU	
150 -	3301 1495	. . . OVERHEAD SIDE STRIP LIGHT ----- . . . . LAMP-OVERHEAD SIDE STRIP LIGHT -----	6 1	U Y	
		INTERIOR LIGHTING CONTROL SWITCHES		A	
-14	SEE FIGURE 46 SEE FIGURE 69 SEE FIGURE 69A				
-15	575	. . . PILOT WARNING LIGHTS TEST SWITCH ----- . . . BAGGAGE COMPARTMENT LIGHT SWITCH STOW COMPARTMENT -----	REF 1	B Z	
	575	. . . BAGGAGE COMPARTMENT & ENTRANCE LIGHT SWITCH DOOR ENTRANCE -----	1	AA	
-16	575	. . . OVERHEAD SIDE STRIP LIGHT SWITCH -----	6	X	
-17	L18366-1	. . . OVERHEAD SIDE STRIP LIGHT SWITCH -----	6	U	
-18	60-0351-1 SEE FIGURE 69A	. . . OVERHEAD CENTER PANEL LIGHT SWITCH ----- . . . NO SMOKING & SEAT BELT LT SWITCH -----	4 REF	R B	
		INTERIOR LIGHTING CIRCUIT BREAKERS		A	
-19	BC1-7	. . . INSTRUMENT LIGHTS CIRCUIT BREAKER -----	1	C	
	41-2-S14-LN2 7A 7277-4-7 1/2	. . . INSTRUMENT LIGHTS CIRCUIT BREAKER -----	1	AB	
-20	BC1-7	. . . INSTRUMENT LIGHTS CIRCUIT BREAKER -----	1	K	
	41-2-S14-LN2 7A 7277-4-7 1/2	. . . CABIN LIGHTS CIRCUIT BREAKER -----	1	C	
		. . . CABIN LIGHTS CIRCUIT BREAKER -----	1	AB	
-21	BC1-7	. . . CABIN LIGHTS CIRCUIT BREAKER -----	1	K	
	41-2-S14-LN2 7A 7277-4-7 1/2	. . . FLOOD LIGHTS CIRCUIT BREAKER -----	1	C	
		. . . FLOOD LIGHTS CIRCUIT BREAKER -----	1	AB	
		. . . FLOOD LIGHTS CIRCUIT BREAKER -----	1	K	
		INTERIOR LIGHTING CIRCUIT BOARDS		A	
-22	SEE FIGURE 46 SEE FIGURE 47 SEE FIGURE 48	. . . PILOT WARNING LIGHTS CIRCUIT BOARD -----	REF	B	
		A 003 & ON B SEE REF FIGURE FOR USAGE C 003 THRU 014 EXCEPT A/C MOD PER ECR 233 D 015 & ON & A/C MOD PER ECR 233 E 003 THRU 005 EXCEPT A/C MOD PER ECR 233 F 006 THRU 014 EXCEPT A/C MOD PER ECR 233 G 003 & ON WHEN MOD PER ECR 233, ECR 230, H ECR 227, ECR 277, OR ECR 381 I 015 THRU 034 EXCEPT A/C MOD PER ECR 233, J ECR 277, OR ECR 381 K 012 & 031 WHEN MOD PER ECR 233 & 035 & L ON EXCEPT A/C MOD PER ECR 233, ECR 230, M ECR 227, ECR 277, OR ECR 381 N 003 & ON WHEN MOD PER ECR 233, ECR 230, O ECR 227, ECR 277, OR ECR 381 EXCEPT A/C P 012 & 031 Q 003 THRU 006 EXCEPT A/C MOD PER ECR 233 R 007 THRU 014 EXCEPT A/C MOD PER ECR 233 S 015 THRU 017 EXCEPT A/C MOD PER ECR 233 T OR ECR 277 U 018 & ON AND A/C MOD PER ECR 233 OR V ECR 277 W 007 & ON & A/C MOD PER ECR 233 X 003 THRU 014 EXCEPT A/C WITH 2 OVERHEAD Y CENTER PANEL LIGHTS Z 015 THRU 018 EXCEPT A/C WITH 2 OVERHEAD AA CENTER PANEL LIGHTS AB 019 & ON EXCEPT A/C WITH 2 OVERHEAD CENTER PANEL LIGHTS 003 & ON WHEN A/C HAS 2 OVERHEAD CENTER PANEL LIGHTS 003 & ON EXCEPT A/C WITH 2 OVERHEAD CENTER PANEL LIGHTS 015 & ON EXCEPT A/C WITH 2 OVERHEAD CENTER PANEL LIGHTS 010 THRU 018 EXCEPT A/C WITH 2 OVERHEAD CENTER PANEL LIGHTS CODE U & X 003 THRU 018 019 & ON 012 & 031 WHEN MOD PER ECR 233 & 015 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, OR ECR 381			
		A---ATTACHING PARTS			



Configuration A



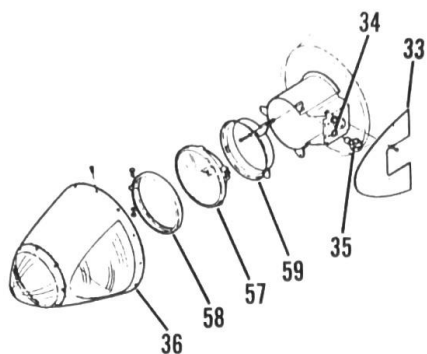
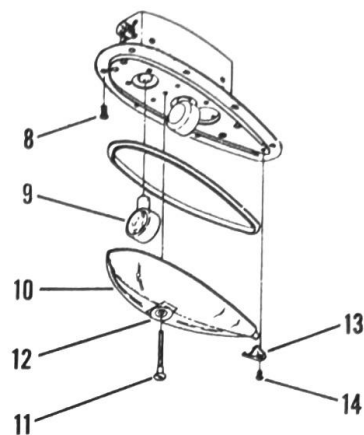
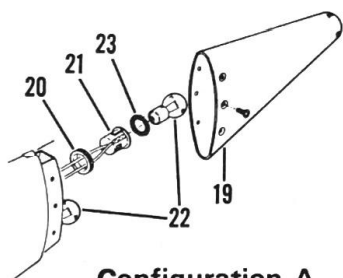
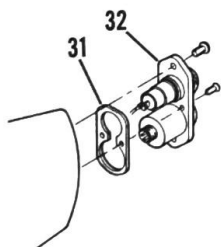
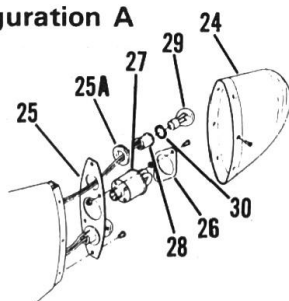
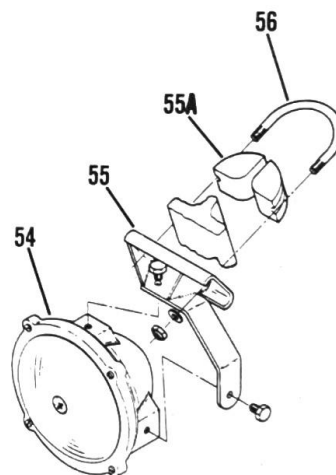
Detail A



Detail B

14-76A  
14-48B  
A9-13B  
A9-13B-1  
B9-11C

Figure 151. Exterior Lighting System Electrical Equipment (Sheet 1 of 2)

**Detail C****Detail D****Configuration A****Configuration C****Configuration B****Detail F****Detail E**

C4-11D  
D9-11C  
E9-31C  
E9-31C-1  
E9-31C-1  
F9-58C

Figure 151. Exterior Lighting System Electrical Equipment (Sheet 2 of 2)

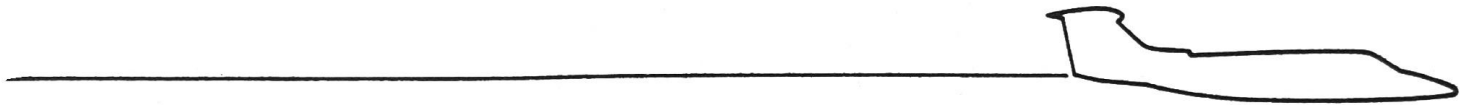
FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
		1 2 3 4 5 6 7			
151 -		EXTERIOR LIGHTING SYSTEM ELEC EQUIP		A	
		• EQUIPMENT INSTL-ANTI-COLLISION BEACONS	1	A	
		• • LIGHT ASSY-UPPER OSC BCN DS4	1	A	
-1	40-0100-1	A • • SCREW	8	A	
-2	AN509-10R7	• • • LAMP	2	A	
-3	A-70798-24	• • • LENS-RED HEAT RESISTANT	1	A	
-4	D-9961-3	A • • • SCREW	1	A	
-5	AN507C1032-40	A • • • WASHER	1	A	
-6	13737	A • • • CLIP-LENS RETAINER	1	A	
-7	12613-1	A • • • SCREW	1	A	
	AN507C1032-10	A • • • GASKET-MOUNTING PLATE	1	A	
	36112	• • • LIGHT ASSY-LOWER OSC BCN DS3	1	A	
-8	40-0100-3	A • • • SCREW	8	A	
-9	AN509-10R8	• • • LAMP	1	A	
-10	A-70798-24	• • • LENS-RED HEAT RESISTANT	1	A	
-11	D9961-3	A • • • SCREW	1	A	
-12	AN507C1032-40	A • • • WASHER	1	A	
-13	13737	A • • • CLIP-LENS RETAINER	1	A	
-14	12613-1	A • • • SCREW	1	A	
	AN507C1032-10	A • • • GASKET-MOUNTING PLATE	1	A	
	36112	• • • CIRCUIT BREAKER-BEACON LIGHTS	1	G	
-15	BC1-7	• • • CIRCUIT BREAKER-BEACON LIGHTS	1	H	
	41-2-S14-LN2 7A	• • • CIRCUIT BREAKER-BEACON LIGHTS	1	J	
	7277-4-7 1/2	• • • SWITCH-BEACON LIGHTS	REF	B	
-16	SEE FIGURE 47	• • • SWITCH-BEACON LIGHTS	REF	B	
-17	SEE FIGURE 48A	• • • SWITCH-BEACON LIGHTS	REF	B	
-18	SEE FIGURE 69A	• EQUIPMENT INSTL-NAVIGATION LIGHTS	1	A	
		• • LIGHT INSTL-NAVIGATION TAIL			
		CONFIGURATION A	1	Q	
-19	2331055-003	• • • LENS ASSY-FAIRING AFT BULLET	1	Q	
	AN509-8R5	A • • • SCREW	6	Q	
-20	MS35489-17	• • • GROMMET	1	Q	
-21	11-240XT-6	• • • SOCKET DS25,DS26	2	Q	
-22	1683	• • • BULB	2	Q	
-23	MS24586-44	• • • SPRING	2	Q	
		• LIGHT INSTL-NAV & STROBE TAIL			
		CONFIGURATION B	1	R	
-24	2488502-014	• • • LENS-STROBE LIGHT	1	R	
	AN526-632R6	A • • • SCREW	6	R	
	MS29513-006	A • • • GASKET-O RING	6	R	
-25	2488502-020	• • • PLATE ASSY-STROBE LIGHT	1	R	
	AN515-8R6	A • • • SCREW	4	R	
-25A	MS35489-17	• • • GROMMET	2	R	
-26	2488502-006	• • • RETAINER-STROBE LIGHT	1	R	
-27	31-0725-2	• • • FLASHTUBE ASSY-STROBE LIGHT	1	R	
	AN515-6R6	A • • • SCREW	2	R	
	AN960D6	A • • • WASHER	2	R	
	MS21042-06	A • • • NUT	2	R	
-28	11-240XT-6	• • • SOCKET-LAMP	2	R	
-29	1683	• • • LAMP-TAIL LIGHT	2	R	
-30	MS24586-44	• • • SPRING	2	R	
		• LIGHT INSTL-NAV & STROBE TAIL			
		CONFIGURATION C	1	S	
-31	12025-302-002	• • • GASKET-LIGHT	1	S	
-32	30-0329-3	• • • LIGHT ASSY-NAV & STROBE	1	S	
	AN507-6R14	A • • • SCREW	2	S	
	AN515-8R16	A • • • SCREW	2	S	
		• LIGHT INSTL-NAVIGATION TIP TANK	1	C	
-33	2323062-031	• • • SHIELD-NAV LIGHT	1	C	
	NAS221-8	A • • • SCREW	2	C	
	AN960PD10	A • • • WASHER	2	C	
-34	60-0366-1	• • • SOCKET-NAV LIGHT	2	C	
-35	A-7512-24	• • • LAMP	2	C	
-36	SEE FIGURE 9	• • • NOSE CONE ASSEMBLY	REF	B	
		• LIGHT INSTL-NAVIGATION TIP TANK			
		CONFIGURATION A	1	Q	
	AN3033-12	• • • LIGHT ASSY-NAV LH RED DS9	1	Q	
	AN3033-13	• • • LIGHT ASSY-NAV RH GREEN DS10	1	Q	
-37	AN507-632R8	A • • • SCREW	6	Q	
	AN3042-1	• • • COVER-LIGHT LH RED	1	Q	
	AN3042-2	• • • COVER-LIGHT RH GREEN	1	Q	
-38	A-7512-24	• • • LAMP	1	Q	
-39	AN3033-9	• • • SOCKET	1	Q	
		• LIGHT INSTL-NAV STROBE TIP TANK			
		CONFIGURATION B	1	R	
	30-0218-1	• • • LIGHT ASSY-STROBE LH RED	1	R	
	30-0218-2	• • • LIGHT ASSY-STROBE RH GREEN	1	R	
		DS87			
		DS89	1	R	
	AN520-10R8	A • • • SCREW	4	R	
-40	30-0218-8-1	• • • LENS LH RED	1	R	
		CONTINUED			
		A---ATTACHING PARTS			



FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USABLE ON	
				THRU	
151 -		1 2 3 4 5 6 7			
	K	012 & 031 003 THRU 027 EXCEPT A/C MOD PER ECR 233 ECR 277, ECR 381 OR ECR 392			
	M	003 & ON WHEN EQUIPPED WITH HOSKINS STROBE LIGHTS			
	N	012 & 031 WHEN MOD PER ECR 233 & 015 THRU 027 EXCEPT A/C MOD PER ECR 233, ECR 277, OR ECR 381			
	P	028 & ON EXCEPT A/C MOD PER ECR 233, ECR 230, ECR 227, ECR 277, OR ECR 381			
	Q	003 & ON WHEN A/C ARE EQUIPPED WITH CONFIGURATION A			
	R	003 & ON WHEN A/C ARE EQUIPPED WITH CONFIGURATION B			
	S	003 & ON WHEN A/C ARE EQUIPPED WITH CONFIGURATION C			
	T	SPARE REPLACEMENT FOR M-3 POWER SUPPLY & 6041H201A RELAY			
	U	USED WITH M-3 POWER SUPPLY ONLY			
		A---ATTACHING PARTS			



## SECTION IV



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A-8970-C-1-327	41 -41
A-8970-C-1-327	41 -42
A-8970-C-1-327	42 -13
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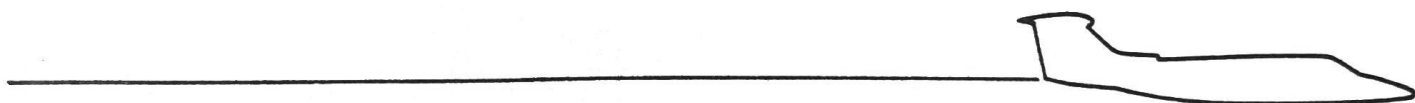
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103	BELT-V COMPRESSOR MOTOR REFRIG	149	CIRCUIT BREAKER-NACELLE FIRE EXT
105	BLOWER ASSY-AIR COND	147	CIRCUIT BREAKER-NACELLE HEAT
140	BLOWER ASSY-AIR COND EVAPORATOR	142	CIRCUIT BREAKER-NACELLE ICE DETECT
88	BOTTLE-AIR EMERGENCY	120	CIRCUIT BREAKER-OIL PRESS
110	BOTTLE-OXYGEN	120	CIRCUIT BREAKER-OIL TEMP
43	BOX ASSY-GEAR CONTROL	136	CIRCUIT BREAKER-OXYGEN CONTROL VALVE
44	BOX ASSY-GEAR CONTROL	133	CIRCUIT BREAKER-PITCH TRIM TAB
45	BOX ASSY-GEAR CONTROL	144	CIRCUIT BREAKER-PITOT HEAT
45A	BOX ASSY-GEAR CONTROL	137	CIRCUIT BREAKER-RAM AIR TEMPERATURE
104	BOX-FLOW CONTROL CABIN AIR	140	CIRCUIT BREAKER-REFRIGERANT CONTROL
26	BRAKE ASSY-MAIN LANDING GEAR	133	CIRCUIT BREAKER-ROLL TRIM TAB
26A	BRAKE ASSY-MAIN LANDING GEAR	146	CIRCUIT BREAKER-STABILIZER HEAT
137	BULB-RAM AIR TEMPERATURE	132	CIRCUIT BREAKER-TAB & FLAP POSITION
112	BUTTON-STATIC PORT PITOT STATIC SYS	133	CIRCUIT BREAKER-TAB & FLAP POSITION
108A	CABLE-CONTROL DEFOG FOOTWARMER	132	CIRCUIT BREAKER-TRIM TAB PITCH
98	CABLE-PARKING BRAKE CONTROL	132	CIRCUIT BREAKER-TRIM TAB ROLL
79	CABLES-AILERON CONTROL	132	CIRCUIT BREAKER-TRIM TAB YAW
81	CABLES-ELEVATOR CONTROL	134	CIRCUIT BREAKER-TURN & BANK LH
84	CABLES-FLAP CONTROL	134	CIRCUIT BREAKER-TURN & BANK RH
85	CABLES-FLAP CONTROL	146	CIRCUIT BREAKER-WARNING LIGHT RELAY
80	CABLES-RUDDER CONTROL	124	CIRCUIT BREAKER-WARNING LIGHTS
147	CAP ASSY -NACELLE AIR INTAKE ANTI-ICE SY	141	CIRCUIT BREAKER-WINDSHIELD DEFOG
9	CAPS-FUEL FILLER	145	CIRCUIT BREAKER-WING ANTI-ICE
76	CARTRIDGE-INTERCONNECT AIL & RUD	121	CIRCUIT BREAKER-XFER & FILL CONTROL
129	CIRCUIT BOARD ANTI-SKID	133	CIRCUIT BREAKER-YAW TRIM CONTROL
48	CIRCUIT BOARD-AURAL WARNING	121	CIRCUIT BREAKERS-JET PUMPS FUEL
130	CIRCUIT BOARD-FLAP CONTROL	121	CIRCUIT BREAKERS-MAIN FUEL PUMP
69A	CIRCUIT BOARD-FUEL CONTROL	131	CIRCUIT BREAKERS-STALL WARNING
121	CIRCUIT BOARD-FUEL CONTROL	121	CIRCUIT BREAKERS-STANDBY FUEL PUMP
43	CIRCUIT BOARD-GEAR CONTROL	121	CIRCUIT BREAKERS-TIP TANK FUEL PUMP
44	CIRCUIT BOARD-GEAR CONTROL	42	CLOCK-TIME
45	CIRCUIT BOARD-GEAR CONTROL	71	CLOCK-TIME CONTROL WHEEL MOUNTED
45A	CIRCUIT BOARD-GEAR CONTROL	34	COMPASS-MAGNETIC
141	CIRCUIT BOARD-GEAR CONTROL	103	COMPRESSOR-REFRIGERANT
132	CIRCUIT BOARD-GEAR WARN FLIGHT CONT SYS	128	COMPUTER-NOSE GEAR STEERING
48	CIRCUIT BOARD-GEAR WARNING	131	COMPUTER-STALL WARNING
124	CIRCUIT BOARD-GEAR WARNING	131	COMPUTER-STALL WARNING & NOSE GEAR STEER
48	CIRCUIT BOARD-INVERTER WARNING LT	106	CONDENSER-REFRIGERANT
128	CIRCUIT BOARD-NOSE GEAR STEERING	103	CONDENSOR-REFRIGERANT
128	CIRCUIT BOARD-ROLL TRIM TAB	149	CONTAINER-FIRE EXTINGUISHER NACELLE
130	CIRCUIT BOARD-SPOILER CONTROL	139	CONTROL BOX-CABIN TEMPERATURE
128	CIRCUIT BOARD-STEER LOCK	43	CONTROL BOX-GEAR CONTROL
		44	CONTROL BOX-GEAR CONTROL
		45	CONTROL BOX-GEAR CONTROL
		45A	CONTROL BOX-GEAR CONTROL
		117	CONTROL BOX-OVERVOLTAGE



FIGURE	DESCRIPTION	FIGURE	DESCRIPTION
71	CONTROL COLUMN-PILOT & CO PILOT	41	GAGE-CABIN ALTITUDE PRESSURE
119	CONTROL PANEL ASSY-STARTER GENERATOR	96	GAGE-HYD PRESS
68	CONTROL PEDESTAL	97	GAGE-HYD PRESS
69	CONTROL PEDESTAL	110	GAGE-OXYGEN PRESSURE
69A	CONTROL PEDESTAL	51	GENERATOR-STARTER ENGINE
70	CONTROL QUADRANT ASSY-PEDESTAL	52	GENERATOR-STARTER ENGINE
148	CONTROL UNIT-NACELLE FIRE DETECT	117	GENERATOR-STARTER ENGINE
71	CONTROL WHEEL-PILOT & CO PILOT	51	GENERATOR-TACHOMETER ENGINE
108	CONTROL-PUSH PULL DEFOG VALVE	52	GENERATOR-TACHOMETER ENGINE
108A	CONTROL-PUSH PULL DEFOG VALVE	3	GENERATORS-VORTEX
108B	CONTROL-PUSH PULL DEFOG VALVE	42A	GONIOMETER-ADF INDICATOR
143	CONTROL-WINDSHIELD DE-ICE	42	GONIOMETER-INDICATOR
138	CONTROLLER - ALTITUDE	10	GUIDES-THROTTLE CONTROL CABLE PYLON
132	CONTROLLER-ALTITUDE AUTO PILOT SYS	70	HANDLE-FLAP CONTROL
87	CONTROLLER-ALTITUDE AUTOPILOT	70	HANDLE-PARKING BRAKE
41	CONTROLLER-CABIN ALTITUDE	108A	HANDLE-VALVE CONTROL DEFOG
42	CONTROLLER-CABIN ALTITUDE	115	HATCHET-FIRE AXE
42A	CONTROLLER-CABIN ALTITUDE	41	INDICATOR-AIRSPEED
68	CONTROLLER-FLIGHT	42	INDICATOR-AIRSPEED
69	COUNTER-FUEL CONSUMPTION	42A	INDICATOR-AIRSPEED
69A	COUNTER-FUEL CONSUMPTION	42A	INDICATOR-AIRSPEED MACHMETER
119	CURRENT LIMITERS-SYSTEM	41	INDICATOR-ALTIMETER
110	CYLINDER-OXYGEN	42	INDICATOR-ALTIMETER
104	DAMPER-CABIN AIR FLOW CONTROL BOX	42A	INDICATOR-ALTIMETER
109	DEHUMIDIFIER-DEFOG WINDSHIELD	41	INDICATOR-ANGLE OF ATTACK
106	DEHYDRATOR-REFRIGERANT	42	INDICATOR-ANGLE OF ATTACK
54	DETECTOR-FIRE ENGINE NACELLE	42A	INDICATOR-ANGLE OF ATTACK
49	DETECTOR-ICE ENGINE	131	INDICATOR-ANGLE OF ATTACK
142	DETECTOR-ICE NACELLE	42A	INDICATOR-AUTO PILOT SERVO EFFORT
108A	DIFFUSER-INTERNAL DEFOG	42	INDICATOR-AUTO PILOT TRIM
150	DIMMER-INSTR PANEL LIGHTS	42A	INDICATOR-CABIN ALT DIFF PRESSURE
42	DME INDICATOR	42	INDICATOR-CABIN ALTITUDE
42A	DME-INDICATOR	42	INDICATOR-CABIN ALTITUDE
58	DOOR-ACCESS FUEL PROBE WING	42A	INDICATOR-CABIN ALTITUDE
64	DOOR-FUEL VENT ACCESS FUSELAGE CELL	42	INDICATOR-CABIN PRESSURE
65	DOOR-FUEL VENT ACCESS FUSELAGE CELL	41	INDICATOR-CABIN RATE OF CLIMB
2	DOORS-ACCESS	42A	INDICATOR-CABIN RATE OF CLIMB
21	DOORS-ACCESS	41	INDICATOR-COURSE
4	DOORS-ACCESS AILERON	42	INDICATOR-COURSE
49	DOORS-ACCESS ENGINE NACELLE	42A	INDICATOR-COURSE
10	DOORS-ACCESS FUSELAGE	41	INDICATOR-DME
20	DOORS-ACCESS HORIZONTAL STABILIZER	42	INDICATOR-DME
11	DOORS-ACCESS NOSE	42A	INDICATOR-DME
22	DOORS-ACCESS RUDDER	41	INDICATOR-EMERGENCY AIR
9	DOORS-ACCESS TIP TANK	42	INDICATOR-EMERGENCY AIR
19	DOORS-ACCESS VERTICAL STABILIZER	42A	INDICATOR-EMERGENCY AIR
3	DOORS-ACCESS WING	41	INDICATOR-ENGINE PRESSURE RATIO
11	DOORS-LANDING GEAR NOSE EQUIPMENT	42	INDICATOR-ENGINE PRESSURE RATIO
86A	DRUM ASSY-PITCH AUTOPILOT SERVO	42A	INDICATOR-ENGINE PRESSURE RATIO
86A	DRUM ASSY-ROLL AUTOPILOT SERVO	41	INDICATOR-EXHAUST TEMPERATURE
86A	DRUM ASSY-YAW AUTOPILOT SERVO	42	INDICATOR-EXHAUST TEMPERATURE
109	DRYER-INDICATOR DEFOG	42A	INDICATOR-EXHAUST TEMPERATURE
10	DUCT-DORSAL AIR INTAKE	41	INDICATOR-FLAP POSITION
51	ENGINE ASSY-AIRPLANE	42	INDICATOR-FLAP POSITION
52	ENGINE ASSY-AIRPLANE	42A	INDICATOR-FLAP POSITION
10	ENGINE YOKE	130	INDICATOR-FLAP POSITION
41	EPR INDICATOR	132	INDICATOR-FLIGHT CONTROL SYS
53	EPR TRANSDUCERS	41	INDICATOR-FUEL FLOW
105	EVAPORATOR-AIR CONDITION	42	INDICATOR-FUEL FLOW
34	EXTINGUISHER-FIRE CABIN	42A	INDICATOR-FUEL FLOW
54A	EXTINGUISHER-FIRE ENGINE	41	INDICATOR-FUEL QUANTITY
19	FAIRINGS-EMPENNAGE	42	INDICATOR-FUEL QUANTITY
9	FAIRINGS-TIP TANK TO WING	69	INDICATOR-FUEL QUANTITY
3	FAIRINGS-WING TO FUSELAGE	69A	INDICATOR-FUEL QUANTITY
103	FAN-CONDENSOR	122	INDICATOR-FUEL SELECTOR
113	FILTER ASSY-ALCOHOL ANTI-ICE	41	INDICATOR-GONIOMETER
113A	FILTER ASSY-ALCOHOL ANTI-ICE	42	INDICATOR-GONIOMETER
59	FILTER-FUEL ENGINE	42A	INDICATOR-GONIOMETER ADF
96	FILTER-HYD RES PRESS	126	INDICATOR-HYD PRESS
96	FILTER-HYDRAULIC PRESS RETURN	41	INDICATOR-HYD PRESSURE
97	FILTER-HYDRAULIC PRESS RETURN	42	INDICATOR-HYDRAULIC PRESSURE
5	FLAPS-WING	42A	INDICATOR-HYDRAULIC PRESSURE
51	FLOWMETER-FUEL	42	INDICATOR-INSTRUMENT CLUSTER
52	FLOWMETER-FUEL	42A	INDICATOR-INSTRUMENT CLUSTER
132	FOLLOW UP POTENTIOMERS AUTO PILOT SYS	41	INDICATOR-MAGNETIC COMPASS
86	FOLLOW UP-POTENTIOMETER PITCH AXIS	42	INDICATOR-MAGNETIC COMPASS
86	FOLLOW UP-POTENTIOMETER ROLL AXIS	41	INDICATOR-OIL PRESSURE
86	FOLLOW UP-POTENTIOMETER YAW AXIS	42	INDICATOR-OIL PRESSURE
72	FOLLOW-UP-RUDDER POSITION	42A	INDICATOR-OIL PRESSURE
58	FUEL PROBES	42A	INDICATOR-OIL TEMP
99B	FUSE ASSY ANTI-SKID	41	INDICATOR-OIL TEMPERATURE

FIGURE	DESCRIPTION	FIGURE	DESCRIPTION
110	INDICATOR-OXYGEN OVERBOARD DISCHARGE	134	LIGHT-TURN & BANK WARNING
42	INDICATOR-OXYGEN PRESSURE	150	LIGHTS-BAGGAGE COMPARTMENT
42A	INDICATOR-OXYGEN PRESSURE	151	LIGHTS-BEACON
41	INDICATOR-PERCENT OF RPM	150	LIGHTS-CABIN
42	INDICATOR-PERCENT OF RPM	150	LIGHTS-CABIN OVERHEAD
42A	INDICATOR-PERCENT RPM	150	LIGHTS-COCKPIT
68	INDICATOR-PITCH POSITION	150	LIGHTS-CREW OVERHEAD
42	INDICATOR-RADIO MAGNETIC	130	LIGHTS-FLAP & SPOILER CONTROL SYS
42A	INDICATOR-RADIO MAGNETIC	123	LIGHTS-FUEL WARNING SYS
41	INDICATOR-RAM AIR TEMPERATURE	150	LIGHTS-INSTR PANEL FLOOD
42	INDICATOR-RAM AIR TEMPERATURE	150	LIGHTS-INSTR PANEL LUMINARY
42A	INDICATOR-RAM AIR TEMPERATURE	42	LIGHTS-INSTRUMENT FIXTURE
137	INDICATOR-RAM AIR TEMPERATURE	42A	LIGHTS-INSTRUMENT FIXTURE
41	INDICATOR-RATE OF CLIMB	69	LIGHTS-INSTRUMENT FIXTURE
42	INDICATOR-RATE OF CLIMB	69A	LIGHTS-INSTRUMENT FIXTURE
42A	INDICATOR-RATE OF CLIMB	151	LIGHTS-LANDING
68	INDICATOR-ROLL POSITION	151	LIGHTS-NAVIGATION
69	INDICATOR-TRIM POSITION	150	LIGHTS-OXYGEN CONTROLS
69A	INDICATOR-TRIM POSITION	150	LIGHTS-PILOT WARNING
41	INDICATOR-TURN & BANK	151	LIGHTS-STROBE
42	INDICATOR-TURN & BANK	42A	LIGHTS-SYSTEM INDICATOR
42A	INDICATOR-TURN & BANK	47	LIGHTS-SYSTEM INDICATOR
134	INDICATOR-TURN & BANK	48	LIGHTS-SYSTEM INDICATOR
42A	INDICATOR-TURN COORDINATOR	69	LIGHTS-SYSTEM INDICATOR
134	INDICATOR-TURN COORDINATOR	69A	LIGHTS-SYSTEM INDICATOR
41	INDICATOR-VERTICAL GYRO	150	LIGHTS-SYSTEM INDICATOR
42	INDICATOR-VERTICAL GYRO	41	LIGHTS-SYSTEM INDICATOR
42A	INDICATOR-VERTICAL GYRO	42	LIGHTS-SYSTEM INDICATOR
41	INDICATOR-VOLTMETER	46	LIGHTS-SYSTEM INDICATOR
42A	INDICATOR-VOLTMETER	150	LIGHTS-TAILCONE UTILITY
114	INDICATOR-WING ANTI-ICE	151	LIGHTS-TAXI
42A	INDICATOR-WING TEMPERATURE	119	LIMITERS-CURRENT
68	INDICATOR-YAW POSITION	41	MACHMETER
76	INTERCONNECT-RUDDER & AILERON CONTROLS	42	MACHMETER-AIRSPD
142	INTERPRETER-ICE DETECTION NACELLE	42A	MACHMETER-AIRSPD IND
118	INVERTER-PRIMARY	110	MASK HOLDER-CREW OXYGEN
118	INVERTER-SECONDARY	110	MASK-CREW OXYGEN
115	JACK PADS-AIRPLANE	111	MASK-PASSENGER OXYGEN
8A	KIT-ACTUATOR REPAIR MAIN GEAR DOOR	112	MAST-PITOT STATIC
23	KIT-ACTUATOR REPAIR MAIN LANDING GEAR	42	METER-ANGLE OF ATTACK
29	KIT-ACTUATOR REPAIR NOSE LANDING GEAR	34	MICROPHONE-CREW
7A	KIT-ACTUATOR REPAIR SPOILER	140	MOTOR-COMPRESSOR REFRIGERANT
116	KIT-BATTERY SUPPORT	151	NAVIGATION LIGHTS
21	KIT-ELEVATOR SPECIAL SPARE	108	NOZZLE-DEFOG WINDSHIELD EXTERNAL
96	KIT-HYD PRESS SWITCH	108A	NOZZLE-DEFOG WINDSHIELD EXTERNAL
97	KIT-HYD PRESS SWITCH	108B	NOZZLE-DEFOG WINDSHIELD EXTERNAL
115	KIT-NACELLE COVERS	108	NOZZLE-DEFOG WINDSHIELD INTERNAL
85A	KIT-REPAIR FLAP ACTUATOR	108A	NOZZLE-DEFOG WINDSHIELD INTERNAL
51	KIT-SOFT MOUNT ENGINE	117	OVERVOLTAGE CONTROL BOX
52	KIT-SOFT MOUNT ENGINE	69	PANEL ASSY FUEL CONTROL
24	KIT-STRUT REPAIR MAIN LANDING GEAR	119	PANEL ASSY-CURRENT LIMITER
30	KIT-STRUT REPAIR NOSE LANDING GEAR	69A	PANEL ASSY-FUEL CONTROL
114	KIT-WING ANTI-ICE VALVE	147	PANEL ASSY-GENERATOR CONTROL & CURRENT L
151	LANDING LIGHTS	72	PEDAL-RUDDER CONTROL
115	LIFE VEST-PASSENGER	68	PEDESTAL-CONTROL
115	LIFL VEST-CREW	69	PEDESTAL-CONTROL
147	LIGHT ASSY-PILOT WARN NACELLE ANTI-ICE	69A	PEDESTAL-CONTROL
135	LIGHT ASSY-PILOT WARNING	144	PITOT TUBE PITOT STATIC SYS
146	LIGHT ASSY-PILOT WARNING	113	PLACARD-ALCOHOL SPEC
143	LIGHT ASSY-PILOT WARNING ANTI-ICE SYS	113A	PLACARD-ALCOHOL SPEC ANTI-ICE
141	LIGHT ASSY-PILOT WARNING DEFOG SYS	1	PLACARDS-AIRPLANE
142	LIGHT ASSY-PILOT WARNING ICE DET SYS	41	PLACARDS-INST PANEL
148	LIGHT ASSY-PILOT WARNING NAC FIRE DET	42	PLACARDS-INST PANEL
145	LIGHT ASSY-PILOT WARNING W ANTI-ICE SYS	4	POTENTIOMETER-AILERON TRIM TAB ACTUATOR
46	LIGHT ASSY-WARNING	139	POTENTIOMETER-BLEED AIR CONTROL
47	LIGHT ASSY-WARNING	130	POTENTIOMETER-FLAP POSITION
48	LIGHT ASSY-WARNING	131	POTENTIOMETER-FLAP POSITION
150	LIGHT-COURTESY ENTRANCE	82	POTENTIOMETER-FLAP POSITION XMTR
48A	LIGHT-FUSELAGE TANK FULL	43	POTENTIOMETER-GEAR WARNING LTS CONT
43	LIGHT-GEAR UNSAFE	44	POTENTIOMETER-GEAR WARNING LTS CONT
44	LIGHT-GEAR UNSAFE	45	POTENTIOMETER-GEAR WARNING LTS CONT
45	LIGHT-GEAR UNSAFE	45A	POTENTIOMETER-GEAR WARNING LTS CONTROL
45A	LIGHT-GEAR UNSAFE	86	POTENTIOMETER-PITCH FOLLOW UP
129	LIGHT-INDICATOR ANTI-SKID SYS	68	POTENTIOMETER-POSITION INDICATOR
141	LIGHT-INDICATOR DEFOG VALVE	86	POTENTIOMETER-ROLL FOLLOW UP
145	LIGHT-INDICATOR WING HEAT ANTI-ICE	72	POTENTIOMETER-RUDDER POSITION
150	LIGHT-NO SMOKING	128	POTENTIOMETER-RUDDER POSITION
68	LIGHT-PITCH TRIM INDICATOR	22	POTENTIOMETER-RUDDER POSITION INDICATOR
48A	LIGHT-REFUEL VALVE CLOSED	48A	POTENTIOMETER-VOL CONTROL
150	LIGHT-SEAT BELTS	86	POTENTIOMETER-YAW FOLLOW UP
131	LIGHT-STALL WARNING SYS	132	POTENTIOMETERS-FOLLOW UP AUTO PILOT

FIGURE	DESCRIPTION	FIGURE	DESCRIPTION
150	POTENTIOMETERS-LIGHT CONTROL INTERIOR	114	SENSOR-TEMPERATURE WING ANTI-ICE
132	POTENTIOMETERS-POSITION IND FLI CONT SYS	145	SENSOR-TEMPERATURE WING HI LIMIT
151	POWER SUPPLY-STROBE LIGHT	145	SENSOR-TEMPERATURE WING LO LIMIT
104	PRECOOLER-CABIN AIR	86	SERVO ASSY-PITCH AXIS
90	PRIORITY VALVE-LANDING GEAR	86	SERVO ASSY-ROLL AXIS
58	PROBE-FUEL	86	SERVO ASSY-YAW AXIS
137	PROBE-TEMPERATURE RAM AIR	132	SERVO-PITCH AUTO PILOT SYS
122	PROBES-FUEL GAGING	131	SERVO-PITCH CONTROL AUTO PILOT
113	PUMP-ALCOHOL ANTI-ICE	132	SERVO-ROLL AUTO PILOT SYS
113A	PUMP-ALCOHOL ANTI-ICE	132	SERVO-YAW AUTO PILOT SYS
143	PUMP-ALCOHOL ANTI-ICE SYS	103	SHUNT-REFRIGERANT COMP MOTOR CURRENT
96	PUMP-AUX HYDRAULIC	140	SHUNT-REFRIGERANT MOTOR CURRENT LIMITER
97	PUMP-AUX HYDRAULIC	34	SPEAKER-INTERCOMM
66	PUMP-EJECTOR TIP TANK FUEL	19	STABILIZER-VERTICAL
60	PUMP-FUEL	117	STARTER GENERATOR ENGINE
63A	PUMP-FUEL EJECTOR WING	51	STARTER GENERATOR-ENGINE
66	PUMP-FUEL TIP TANK	52	STARTER GENERATOR-ENGINE
61	PUMP-FUEL WING	147	STARTER-GENERATOR NAC HEAT SYS
61A	PUMP-FUEL WING	87	STATIC PORT-ALTITUDE CONTROLLER
63	PUMP-FUEL WING	100	STATIC PORT-CABIN OUTSIDE PRESS
63A	PUMP-FUEL WING	112	STATIC PORT-HEATED PITOT STATIC SYS
63B	PUMP-FUEL WING	144	STATIC PORTS-HEATED
51	PUMP-HYDRAULIC ENGINE DRIVEN	10	STINGER-TAIL CONE
52	PUMP-HYDRAULIC ENGINE DRIVEN	9	STRAKES-TIP TANK
63B	PUMP-WING FUEL CROSSOVER	151	STROBE LIGHTS
70	QUADRANT ASSY-PEDESTAL CONTROLS	24	STRUT ASSY-MAIN LANDING GEAR
14	RAILS-PASSENGER SEAT	23	STRUT-LANDING GEAR MAIN
116	RECEPTACLE-POWER	30	STRUT-LANDING GEAR NOSE
96	REGULATOR-HYD PRESS	6	SUPPORTS-TRACK FLAP
97	REGULATOR-HYD PRESS	42	SWITCH-AIR BLEED
110	REGULATOR-OXYGEN	47	SWITCH-AIR IGNITION & HYD PUMP
69A	REGULATOR-VOLTAGE	48	SWITCH-AIR START
117	REGULATOR-VOLTAGE CONTROL	113A	SWITCH-ALCOHOL PUMP ANTI-ICE
129	RELAY-ANTI-SKID	42	SWITCH-ALTITUDE CONTROLLER STATIC DRAIN
140	RELAY-COMPRESSOR MOTOR CONTROL	100	SWITCH-ANEROID CABIN UNDER PRESS
140	RELAY-COMPRESSOR MOTOR CURRENT LIMITER	110	SWITCH-ANEROID OXYGEN
146	RELAY-CONTROL-HORIZ STABILIZER HEAT	47	SWITCH-ANTI-SKID
141	RELAY-DEFOG CONTROL	48	SWITCH-ANTI-SKID
141	RELAY-DEFOG PRESS REGULATOR VALVE	68	SWITCH-ANTI-SKID
140	RELAY-EVAPORATOR CONTROL	42A	SWITCH-ANTI-SKID TEST
140	RELAY-EVAPORATOR MOTOR CONTROL	68	SWITCH-ANTI-SKID TEST
121	RELAY-FUEL CONTROL L & R START	69	SWITCH-ANTI-SKID TEST
121	RELAY-FUEL PUMP FUSELAGE TANK	42	SWITCH-AUTO PILOT MASTER
121	RELAY-FUEL PUMP LH & RH WING TANK	42A	SWITCH-AUTO PILOT MASTER
121	RELAY-FUEL TRANSFER	71	SWITCH-AUTO PILOT MOMENTARY
121	RELAY-FUEL VALVE	69A	SWITCH-AUTOPILOT RELEASE
118	RELAY-INVERTER	47	SWITCH-BATTERY
127	RELAY-LANDING GEAR CONTROL	48	SWITCH-BATTERY
147	RELAY-NACELLE HEAT	48A	SWITCH-BATTERY
128	RELAY-NOSE WHEEL STEERING	116	SWITCH-BATTERY HEAT SENSOR
132	RELAY-PILOT AUTHORITY FLIGHT CONT SYS	151	SWITCH-BEACON LIGHT
68	RELAY-POSITION INDICATOR	42A	SWITCH-BLEED AIR
125	RELAY-PUMP AUX HYD	48A	SWITCH-BLEED AIR
103	RELAY-REFRIGERANT COMP MOTOR CURRENT	42A	SWITCH-CABIN AIR DUMP
121	RELAY-REFUEL	42A	SWITCH-CABIN AIR FLOW
151	RELAY-STROBE LIGHT	41	SWITCH-CABIN AIRFLOW
151	RELAY-TAXI LIGHT	42	SWITCH-CABIN AIRFLOW
139	RELAY-TEMPERATURE CONTROL	69	SWITCH-CABIN ALT & MACH TEST
140	RELAY-TEMPERATURE CONTROL	69A	SWITCH-CABIN ALT & MACH TEST
151	RELAYS-LANDING LIGHT	42	SWITCH-CABIN ALTITUDE
96	RESERVOIR ASSY-HYDRAULIC	46	SWITCH-CABIN ALTITUDE & MACH TEST
97	RESERVOIR ASSY-HYDRAULIC	68	SWITCH-CABIN ALTITUDE TEST
96	RESTRICTOR-HYDRAULIC BRAKE RETURN	48A	SWITCH-CABIN COOLING
37	SEAT RAILS-CREW	42	SWITCH-CABIN PRESSURE
14	SEAT RAILS-PASSENGER	112	SWITCH-CABIN PRESSURE
78	SECTOR ASSY-AILERON	42A	SWITCH-CABIN PRESSURE AUTO & MANUAL
80A	SECTOR ASSY-ELEVATOR CONTROL COLUMN	41	SWITCH-CABIN PRESSURE AUTO & MANUAL
80A	SECTOR ASSY-ELEVATOR TAILCONE	41	SWITCH-CABIN PRESSURE DUMP
82	SECTOR ASSY-FLAP CONTROL	42	SWITCH-CABIN PRESSURE DUMP
83	SECTOR ASSY-FLAP CONTROL	42	SWITCH-CABIN RATE OF CLIMB
85	SECTOR ASSY-FLAP CONTROL	48A	SWITCH-CABIN TEMP
42A	SELECTOR-CABIN TEMPERATURE	48A	SWITCH-CABIN TEMP SELECTOR
148	SENSING ELEMENT-NACELLE FIRE DETECT SYS	42	SWITCH-CABIN TEMPERATURE SELECTOR
116	SENSOR-BATTERY HEAT	42	SWITCH-COOLING SYSTEM
139	SENSOR-CABIN AIR DUCT TEMPERATURE	42A	SWITCH-COOLING SYSTEM
139	SENSOR-CABIN AIR TEMPERATURE	47	SWITCH-CROSSFLOW VALVE
150	SENSOR-COCKPIT LIGHT INTENSITY	42A	SWITCH-DEFOG
102	SENSOR-TEMPERATURE CABIN HEAT DUCT	48A	SWITCH-DEFOG
108	SENSOR-TEMPERATURE DEFOG	108B	SWITCH-DEFOG CONTROL
108A	SENSOR-TEMPERATURE DEFOG	69A	SWITCH-EJECTOR PUMP FUEL
108B	SENSOR-TEMPERATURE DEFOG	68	SWITCH-EMERG PITCH TRIM

FIGURE	DESCRIPTION	FIGURE	DESCRIPTION
69A	SWITCH-EMERGENCY PITCH TRIM	112	SWITCH-MACH WARNING
51	SWITCH-ENGINE ANTI-ICE PRESSURE	47	SWITCH-MAIN FUEL PUMP WING TANK
52	SWITCH-ENGINE ANTI-ICE PRESSURE	48A	SWITCH-MAIN FUEL PUMP WING TANK
46	SWITCH-ENGINE FIRE	146	SWITCH-MAIN GEAR SQUAT
46	SWITCH-FIRE DETECT	42A	SWITCH-MANUAL TEMP CONTROL
69	SWITCH-FIRE DETECT	71	SWITCH-MASTER CUTOUT
68	SWITCH-FIRE DETECT TEST	85	SWITCH-MICRO FLAP LIMIT
69A	SWITCH-FIRE DETECT TEST	71	SWITCH-MIKE
42A	SWITCH-FIRE EXTINGUISHER	47	SWITCH-NACELLE HEAT
42A	SWITCH-FIREWALL SHUT-OFF	48	SWITCH-NACELLE HEAT
42	SWITCH-FIREWALL SHUTOFF	48A	SWITCH-NACELLE HEAT
68	SWITCH-FLAP CONTROL	69	SWITCH-NAV BEACON LIGHTS
69	SWITCH-FLAP CONTROL	69	SWITCH-NAV LIGHT
69A	SWITCH-FLAP CONTROL	151	SWITCH-NAV LIGHT
55	SWITCH-FLOAT FUSELAGE TANK FUEL	69A	SWITCH-NAV LIGHTS
56	SWITCH-FLOAT FUSELAGE TANK FUEL	47	SWITCH-NAVIGATION LIGHT
56A	SWITCH-FLOAT FUSELAGE TANK FUEL	69A	SWITCH-NO SMOKING & SEAT BELT LIGHT
56B	SWITCH-FLOAT FUSELAGE TANK FUEL	50	SWITCH-OIL PRESSURE DIFFERENTIAL
55	SWITCH-FLOAT WING TANK FUEL	136	SWITCH-OXYGEN ANEROID OXYGEN SYS
56	SWITCH-FLOAT WING TANK FUEL	48A	SWITCH-PANEL FLOOD LIGHTS RHEOSTAT
56A	SWITCH-FLOAT WING TANK FUEL	42	SWITCH-PANEL LIGHTS
56B	SWITCH-FLOAT WING TANK FUEL	42	SWITCH-PANEL VIBRATOR
42	SWITCH-FLOOD LIGHTS	48A	SWITCH-PITCH TRIM
48A	SWITCH-FUEL CROSS FEED VALVE	47	SWITCH-PITCH TRIM EMERG & NORMAL
69A	SWITCH-FUEL CROSSFLOW WING	48	SWITCH-PITCH TRIM EMERG & NORMAL
69	SWITCH-FUEL CROSSFLOW VALVE	48A	SWITCH-PITCH TRIM NORMAL CUTOFF
59	SWITCH-FUEL FILTER	47	SWITCH-PITOT HEAT
41	SWITCH-FUEL FLOW INDICATOR	48	SWITCH-PITOT HEAT
42	SWITCH-FUEL FLOW INDICATOR	41	SWITCH-PRESSURE CONTROL MANUAL
66	SWITCH-FUEL PRESSURE TIP TANK	41	SWITCH-PRIMARY STEERING
69	SWITCH-FUEL PUMP FUSE XFER	42	SWITCH-PRIMARY STEERING
69	SWITCH-FUEL PUMP MAIN	42A	SWITCH-PRIMARY STEERING
69	SWITCH-FUEL PUMP STANDBY	42A	SWITCH-PRIMARY STEERING
69	SWITCH-FUEL PUMP TIP TANK	46	SWITCH-PRIMARY STEERING
41	SWITCH-FUEL SELECTOR	48A	SWITCH-RADIO PANEL LIGHTS RHEOSTAT
42	SWITCH-FUEL SELECTOR	103	SWITCH-REFRIGERANT PRESSURE
69	SWITCH-FUEL SELECTOR	68	SWITCH-SPOILER CONTROL
69A	SWITCH-FUEL SELECTOR	69	SWITCH-SPOILER CONTROL
122	SWITCH-FUEL SELECTOR	69A	SWITCH-SPOILER CONTROL
69A	SWITCH-FUEL TRANSFER FUSELAGE CELL	42A	SWITCH-STABILIZER & WING HEAT
69	SWITCH-FUSELAGE FUEL CELL FILL	41	SWITCH-STALL WARNING
42	SWITCH-FUSELAGE TANK FILL	47	SWITCH-STALL WARNING
48A	SWITCH-FUSELAGE TANK FILL	48	SWITCH-STALL WARNING
48A	SWITCH-FUSELAGE TANK TRANSFER	69A	SWITCH-STANDBY WING
47	SWITCH-FUSELAGE TANK TRANSFER & FILL	47	SWITCH-STANDBY FUEL PUMP WING TANK
43	SWITCH-GEAR HORN MUTE TEST	48A	SWITCH-STANDBY FUEL PUMP WING TANK
44	SWITCH-GEAR HORN MUTE TEST	48A	SWITCH-STARTER GENERATOR
45	SWITCH-GEAR HORN MUTE TEST	47	SWITCH-STARTER GENERATOR CONTROL
45A	SWITCH-GEAR HORN MUTE TEST	48A	SWITCH-STROBE & BEACON LIGHTS
43	SWITCH-GEAR UP CONTROL	47	SWITCH-STROBE LIGHT
44	SWITCH-GEAR UP CONTROL	151	SWITCH-STROBE LIGHT
45	SWITCH-GEAR UP CONTROL	69A	SWITCH-STROBE LIGHTS & BEACON LIGHTS
45A	SWITCH-GEAR UP CONTROL	61	SWITCH-SUMP THERMAL WING FUEL
70	SWITCH-GEAR WARNING	47	SWITCH-TAXI LIGHT
48	SWITCH-GENERATOR START	151	SWITCH-TAXI LIGHT
46	SWITCH-HORN SILENCE	61A	SWITCH-THERMAL HOT FUEL
96	SWITCH-HYD PRESS	63	SWITCH-THERMAL HOT FUEL
97	SWITCH-HYD PRESS	47	SWITCH-TIP TANK FUEL PUMP
48	SWITCH-HYDRAULIC PUMP	48A	SWITCH-TIP TANK FUEL PUMP
48A	SWITCH-HYDRAULIC PUMP	71	SWITCH-TRIM FOUR DIRECTION
69A	SWITCH-HYDRAULIC PUMP	42A	SWITCH-VOLTMETER
70	SWITCH-IGNITION LIMIT	69A	SWITCH-WARNING LIGHTS & HORN SILENCE
47	SWITCH-INVERTER	68	SWITCH-WARNING LIGHTS TEST
48	SWITCH-INVERTER	46	SWITCH-WARNING LT TEST
48A	SWITCH-INVERTER	69	SWITCH-WARNING LTS & HORN SILENCE
69	SWITCH-LANDING & TAXI LIGHTS	42A	SWITCH-WINDSHIELD & RADOME ANT-ICE
69A	SWITCH-LANDING LIGHT LH	42A	SWITCH-WINDSHIELD HEAT AUTO & MANUAL
69A	SWITCH-LANDING LIGHT & TAXI LIGHT	42A	SWITCH-WINDSHIELD HEAT ON & OFF CONT
68	SWITCH-LANDING LIGHTS	114	SWITCH-WING ANTI-ICE
28	SWITCH-LDG DOWN & LOCKED IND NOSE	42	SWITCH-WING ANTI-ICE CONTROL
27	SWITCH-LDG DR UP IND MAIN	42A	SWITCH-WING ANTI-ICE CONTROL
23	SWITCH-LDG GEAR DOWN MAIN	46	SWITCH-WING ANTI-ICE CONTROL
23	SWITCH-LDG GEAR DR & STRUT SEQ MAIN	68	SWITCH-YAW TRIM
23	SWITCH-LDG GEAR SAFETY MAIN	69	SWITCH-YAW TRIM
23	SWITCH-LDG GEAR SQUAT MAIN	69A	SWITCH-YAW TRIM
31	SWITCH-LDG UPPLATCH NOSE	143	SWITCHES-ANTI ICE SYSTEM CONTROL
82	SWITCH-LIMIT FLAP ACTUATOR	129	SWITCHES-ANTI-SKID SYS
55	SWITCH-LOW FUEL PRESSURE	125	SWITCHES-AUX HYD SYS
56	SWITCH-LOW FUEL PRESSURE IND	139	SWITCHES-CABIN AIR TEMPERATURE CONTROL
56A	SWITCH-LOW FUEL PRESSURE IND	135	SWITCHES-CABIN DOOR
56B	SWITCH-LOW PRESSURE IND	15	SWITCHES-CABIN DOOR PIN LOCK



FIGURE	DESCRIPTION	FIGURE	DESCRIPTION
138	SWITCHES-CABIN PRESSURE CONTROL SYS	102	VALVE-DEFOG CONTROL BLEED AIR
140	SWITCHES-COOLING SYS	87	VALVE-DRAIN ALTITUDE CONTROLLER
141	SWITCHES-DEFOG CONTROL	64	VALVE-DRAIN FUEL VENT SYSTEM
148	SWITCHES-FIRE DETECT	65	VALVE-DRAIN FUEL VENT SYSTEM
130	SWITCHES-FLAP & SPOILER CONTROL SYS	112	VALVE-DRAIN PITOT STATIC SYS
132	SWITCHES-FLIGHT CONTROL SYS	66	VALVE-DRAIN TIP TANK FUEL
121	SWITCHES-FUEL CONTROL	105	VALVE-DRAIN EVAPORATOR
123	SWITCHES-FUEL WARNING SYS	88	VALVE-EMERGENCY AIR GEAR EXTEND
127	SWITCHES-GEAR CONTROL	88	VALVE-EMERGENCY GEAR EXTEND
146	SWITCHES-HORIZ STABILIZER HEAT CONTROL	100	VALVE-EXHAUST CABIN PRESSURE
151	SWITCHES-LANDING LIGHT	82	VALVE-FLAP CONTROL
150	SWITCHES-LIGHT CONTROLS INTERIOR	94	VALVE-FLAP CONTROL
124	SWITCHES-MACH & AURAL WARNING SYS	95	VALVE-FLAP CONTROL
147	SWITCHES-NACELLE ANTI-ICE CONTROL SYS	55	VALVE-FUEL SHUT OFF ENGINE FUEL
149	SWITCHES-NACELLE FIRE EXTINGUISHER SYS	55	VALVE-FUEL TRANSFER FUSELAGE TANK
128	SWITCHES-NOSE GEAR STEERING SYS	56	VALVE-FUEL TRANSFER FUSELAGE TANK
144	SWITCHES-PITOT STATIC SYS	56A	VALVE-FUEL TRANSFER FUSELAGE TANK
7	SWITCHES-SPOILER	56B	VALVE-FUEL TRANSFER FUSELAGE TANK
131	SWITCHES-STALL WARNING SYS	96	VALVE-GEAR SELECTOR HYDRAULIC
145	SWITCHES-WING ANTI-ICE CONTROL	97	VALVE-GEAR SELECTOR HYDRAULIC
4	TAB-TRIM AILERON	96	VALVE-HYDRAULIC PRESSURE
22	TAB-TRIM RUDDER	90	VALVE-LANDING GEAR PRIORITY
4	TABS-BALANCE AILERON	92	VALVE-MAIN LANDING GEAR DOOR
51	TACHOMETER GENERATOR ENGINE	42	VALVE-MANUAL DUMP
52	TACHOMETER GENERATOR ENGINE	42A	VALVE-MANUAL EMERGENCY DUMP
113	TANK ASSY-ALCOHOL ANTI-ICE	147	VALVE-NACELLE ANTI-ICE
113A	TANK ASSY-ALCOHOL ANTI-ICE	110	VALVE-OUTLET OXYGEN
151	TAXI LIGHTS	110	VALVE-OXYGEN MANUAL TO AUTO
108	THERMISTOR-DEFOG WINDSHIELD EXTERNAL	110	VALVE-OXYGEN NORMAL PASSENGER
141	THERMOSTAT-DEFOG EXTERNAL WINDSHIELD	111	VALVE-OXYGEN MASK RELEASE PASSENGER
108A	THERMOSTAT-DEFOG WINDSHIELD EXTERNAL	111	VALVE-OXYGEN SERVICE PASSENGER
108B	THERMOSTAT-DEFOG WINDSHIELD EXTERNAL	73	VALVE-POWER BRAKE
102	THERMOSTAT-HI LIMIT CABIN HEAT DUCT	73A	VALVE-POWER BRAKE
139	THERMOSTAT-HI LIMIT CABIN HEATING SYS	91	VALVE-PRESSURE BOOST NOSE GEAR ACT
114	THERMOSTAT-HI LIMIT WING ANTI ICE	67	VALVE-PRESSURE RELIEF
114	THERMOSTAT-LO LIMIT	55	VALVE-REFUEL FUSELAGE FUEL TANK
146	TIMER-HORIZ STABILIZER HEAT	102	VALVE-REGULATOR DEFOG
23	TIRE-LANDING GEAR MAIN	141	VALVE-REGULATOR DEFOG SYS
28	TIRE-LANDING GEAR NOSE	100	VALVE-RELIEF CABIN PRESS DUMP
115	TOW BAR ASSY-AIRPLANE	94	VALVE-RELIEF FLAP CONTROL
5	TRACKS-FLAP	95	VALVE-RELIEF FLAP CONTROL
69A	TRANSCEIVER	56	VALVE-RELIEF FUEL PRESSURE
131	TRANSDUCER-ANGLE OF ATTACK	56A	VALVE-RELIEF FUEL PRESSURE
144	TRANSDUCER-ANGLE OF ATTACK	56B	VALVE-RELIEF FUEL PRESSURE
53	TRANSDUCER-EPR	96	VALVE-RELIEF HYD PRESS
69A	TRANSFORMER-AUDIO	96	VALVE-RELIEF HYD RES PRESS
118	TRANSFORMER-INVERTER	96	VALVE-RELIEF HYDRAULIC BALANCE
50	TRANSMITTER-ENGINE OIL PRESSURE	97	VALVE-RELIEF HYDRAULIC BALANCE
96	TRANSMITTER-HYD PRESS	96	VALVE-RELIEF HYDRAULIC SYS RES
126	TRANSMITTER-HYD PRESS INO	100	VALVE-SAFETY CABIN PRESSURE
129	TRANSMITTER-WHEEL DRIVEN ANTI-SKID	56	VALVE-SHUT OFF ENGINE FUEL
22	TRIM TAB RUDDER	56A	VALVE-SHUT OFF ENGINE FUEL
69	TUNER-ADF T-12C	143	VALVE-SHUTOFF ANTI-ICE SYS
69A	TUNER-ADF T-12C	141	VALVE-SHUTOFF DEFOG CONTROL
93	VALVE ASSY-MAIN GEAR DOOR CONTROL	56B	VALVE-SHUTOFF ENGINE FUEL
98	VALVE ASSY-PARKING BRAKE	149	VALVE-SHUTOFF ENGINE FUEL
98B	VALVE ASSY-PRIORITY	96	VALVE-SHUTOFF HYDRAULIC
98A	VALVE ASSY-SHUTTLE PARKING BRAKE	97	VALVE-SHUTOFF HYDRAULIC
91	VALVE SHUTTLE NOSE GEAR OR ACT	149	VALVE-SHUTOFF HYDRAULIC
96	VALVE-AIR ACCUMULATOR HYD	56B	VALVE-SHUTOFF WING FUEL CROSSOVER
97	VALVE-AIR ACCUMULATOR HYD	88	VALVE-SHUTOFF-EMERGENCY AIR
112	VALVE-ALT STATIC SOURCE PITOT STATIC	99	VALVE-SHUTTLE ANTI-SKID
99A	VALVE-ANTI-SKID CONTROL	99A	VALVE-SHUTTLE ANTI-SKID
99	VALVE-ANTI-SKID CONTROL HYD	91	VALVE-SHUTTLE NOSE GEAR EXTEND PRIOR
91	VALVE-BLEEDER NOSE GEAR ACTUATOR	90	VALVE-SHUTTLE PARKING BRAKE
92	VALVE-BLOW DOWN INBD MLG DOOR	92	VALVE-SHUTTLE-MAIN GEAR DOOR UNLOCK ACT
102	VALVE-BYPASS ENG BLEED AIR	92	VALVE-SHUTTLE-MLG ACTUATOR
108	VALVE-CHECK DEFOG	92	VALVE-SHUTTLE-MLG DOOR ACT
108A	VALVE-CHECK DEFOG	129	VALVE-SOLENOID ANTI-SKID
102	VALVE-CHECK DORSAL AIR	132	VALVE-SOLENOID AUTO PILOT SYS DRAIN
64	VALVE-CHECK FUEL VENT SYSTEM	130	VALVE-SOLENOID FLAP CONTROL
65	VALVE-CHECK FUEL VENT SYSTEM	110	VALVE-SOLENOID OXYGEN CONTROL
55	VALVE-CHECK WING FUEL CROSSFLOW	136	VALVE-SOLENOID OXYGEN CONTROL
56	VALVE-CHECK WING FUEL CROSSFLOW	130	VALVE-SOLENOID SPOILER CONTROL
56A	VALVE-CHECK WING FUEL CROSSFLOW	96	VALVE-SPOILER CONTROL HYD
56B	VALVE-CHECK WING FUEL CROSSFLOW	97	VALVE-SPOILER CONTROL HYD
108	VALVE-CONTROL DEFOG MANUAL	67	VALVE-VACUUM RELIEF
108A	VALVE-CONTROL DEFOG MANUAL	114	VALVE-WING ANTI-ICE
108B	VALVE-CONTROL DEFOG MANUAL	63A	VALVE-WING FUEL CROSSFLOW
100	VALVE-CONTROL MANUAL PRESS CONTROL	63	VALVE-WING FUEL CROSSOVER
145	VALVE-CONTROL WING ANTI-ICE	138	VALVES-CABIN PRESSURE CONTROL SYS

FIGURE	DESCRIPTION	FIGURE	DESCRIPTION
9	VALVES-FUEL FLAPPER		
3	VALVES-FUEL FLAPPER WING		
127	VALVES-GEAR MONITOR & CONTROL SYS		
102	VENTURI-CABIN AIR COND		
71	VIBRATOR-STALL WARNING		
131	VIBRATOR-STALL WARNING CONT COLUMN		
41	VOLTMETER-AC		
42A	VOLTMETER-AC		
41	VOLTMETER-DC		
42A	VOLTMETER-DC		
3	VORTEX GENERATORS		
46	WARNING LIGHT ASSY		
71	WHEEL-CONTROL PILOT & CO PILOT		
23	WHEEL-LANDING GEAR MAIN		
28	WHEEL-LANDING GEAR NOSE		
70	WHEEL-SECTOR POWER CABLE		